



# Agricultural Prices

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## December Prices Received Index Up 3.5 Percent

The December Prices Received Index 2011 Base (Agricultural Production), at 112.6, increased 3.5 percent from November and 24 percent from December 2020. At 105.9, the Crop Production Index is down 1.3 percent from last month but up 16 percent from the previous year. The Livestock Production Index, at 120.5, increased 9.0 percent from November, and 33 percent from December last year. Producers received higher prices during December for broilers, cattle, market eggs, and corn but lower prices for lettuce, oranges, hogs, and broccoli. In addition to prices, the volume change of commodities marketed also influences the indexes. In December, there was increased monthly movement for broilers, milk, cotton, and wheat and decreased marketing of corn, grapes, soybeans, and calves.

## December Prices Paid Index Up 1.1 Percent

The December Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 120.7, is up 1.1 percent from November 2021 and 9.5 percent from December 2020. Higher prices in December for nitrogen, feeder cattle, complete feeds, and mixed fertilizer more than offset lower prices for LP gas, diesel, and gasoline.

## Prices Received, Prices Paid, and Ratio of Prices Received to Prices Paid Indexes 2011 Base – United States: December 2021 with Comparisons

Index Group	December 2020	November 2021	December 2021
	(percent)	(percent)	(percent)
Prices received by farmers .....	91.0	108.8	112.6
Prices paid by farmers .....	110.2	119.4	120.7
Ratio of prices received to prices paid .....	83	92	93

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## December Prices Received by Farmers

**Crop production:** The December index, at 105.9, is 1.3 percent lower than November but 16 percent higher than December 2020. The vegetable & melon and fruit & tree nut index decreases more than offset the grain & oilseed and other crop index increases.

**Grain and oilseed:** The December index, at 97.5, is up 4.4 percent from November and 30 percent from December 2020.

**Feed grain:** The December index, at 91.5, increased 3.9 percent from last month and 36 percent from a year ago. The corn price, at \$5.47 per bushel, is up 20 cents from last month and \$1.50 from December 2020.

**Food grain:** At 115.9, the index for December increased 4.2 percent from the previous month and 41 percent from a year ago. The December price for all wheat, at \$8.58 per bushel, is 7 cents higher than November and \$3.12 higher than December 2020. The December price for rice, at \$15.90 per cwt, is \$1.10 higher than November and \$1.80 higher than December 2020.

**Oilseed:** At 100.7, the index for December increased 2.5 percent from November and 20 percent from December 2020. The soybean price, at \$12.50 per bushel, is 30 cents higher than November and \$1.90 higher than December a year earlier.

**Fruit and tree nut:** The December index, at 131.0, is down 3.7 percent from November and 3.8 percent from a year earlier. Price decreases during December for oranges, strawberries, grapefruit, and lemons more than offset price increases for grapes and apples.

**Vegetable and melon:** At 119.4, the index for December decreased 31 percent from the previous month but increased 4.6 percent from December 2020. Price declines during December for lettuce, broccoli, celery, and tomatoes more than offset price increases for onions.

**Other crop:** The December index, at 104.4, is up 0.7 percent from the previous month and 21 percent from December 2020. At 87.6 cents per pound, the price for upland cotton is 1.7 cents higher than November and 21.9 cents higher than December 2020. The all hay price, at \$187.00 per ton, is unchanged from November but \$35.00 higher than December 2020.

**Livestock production:** The index for December, at 120.5, increased 9.0 percent from the previous month and 33 percent from December a year earlier.

**Meat animal:** At 110.1, the December index increased 3.0 percent from the previous month and 23 percent from a year earlier. The December beef cattle price of \$137.00 per cwt is \$8.00 higher than the previous month and \$29.00 higher than December 2020. At \$56.50 per cwt, the December hog price is \$2.10 lower than November but \$7.40 higher than a year earlier.

**Dairy:** The index for December, at 108.5, is up 4.8 percent from the previous month and 19 percent from December a year ago. The December all milk price of \$21.80 per cwt is \$1.00 higher than November and \$3.50 higher than December 2020.

**Poultry and egg:** At 152.3, the December index increased 21 percent from November and 66 percent from December 2020. The December market egg price, at \$1.16 per dozen, is 31.5 cents higher than November and 70.8 cents higher than December 2020. The December broiler price, at 74.3 cents per pound, is 14.4 cents higher than November and 30.5 cents higher than a year ago. At 84.7 cents per pound, the December turkey price is unchanged from the previous month but 12.6 cents higher than December 2020.

**Food Commodities:** The index, at 118.4, increased 3.1 percent from the previous month and 24 percent from December 2020.

## Prices Received Indexes, 2011 Base – United States: December 2021 with Comparisons

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Index Group	2011 Base		
	December 2020	November 2021	December 2021
	(percent)	(percent)	(percent)
Agricultural production .....	91.0	108.8	112.6
Crop production .....	91.3	107.3	105.9
Grain and oilseed .....	75.0	93.4	97.5
Feed grain .....	67.2	88.1	91.5
Food grain .....	82.5	111.2	115.9
Oilseed .....	84.3	98.2	100.7
Fruit and tree nut .....	136.2	136.1	131.0
Vegetable and melon .....	114.1	171.8	119.4
Other crop .....	86.1	103.7	104.4
Livestock production .....	90.8	110.6	120.5
Meat animal .....	89.8	106.9	110.1
Cattle .....	95.6	113.3	119.8
Hog .....	73.8	88.1	85.0
Dairy .....	91.0	103.5	108.5
Poultry and egg .....	92.0	125.6	152.3
Food commodity .....	95.6	114.8	118.4

## Prices Received Indexes, 1910-1914 Base – United States: December 2021 with Comparisons

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Index Group	1910 - 1914 Base		
	December 2020	November 2021	December 2021
	(percent)	(percent)	(percent)
Agricultural production .....	939	1122	1162
Crop production .....	796	936	923
Livestock production .....	1054	1284	1399

## Prices Received Indexes, 2011 Base by Month for Selected Groups – United States: 2020 and 2021

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Month	2011 Base							
	Agricultural production		Crop production		Livestock production		Food commodities	
	2020	2021	2020	2021	2020	2021	2020	2021
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January .....	88.9	89.7	82.5	88.3	98.4	91.8	96.4	94.3
February .....	90.6	95.3	86.4	97.2	94.7	93.6	95.0	97.5
March .....	92.5	97.9	87.2	98.4	97.3	97.4	97.7	100.4
April .....	82.0	104.5	86.1	105.1	78.4	104.0	84.2	107.2
May .....	84.5	106.4	86.5	105.8	82.8	106.9	87.6	108.0
June .....	88.0	107.5	89.2	107.2	86.8	107.7	92.3	109.0
July .....	86.6	107.0	88.3	106.8	84.6	107.2	90.3	108.0
August .....	86.8	109.5	90.0	109.9	83.7	109.0	90.2	110.8
September .....	88.7	108.7	93.2	108.4	84.0	109.0	92.1	111.4
October .....	88.8	106.8	87.8	106.0	90.4	108.1	94.0	111.7
November .....	92.7	108.8	91.7	107.3	94.0	110.6	100.3	114.8
December .....	91.0	112.6	91.3	105.9	90.8	120.5	95.6	118.4

## Prices Paid Indexes, 2011 Base by Month for Selected Groups – United States: 2020 and 2021

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Month	2011 Base							
	All items (PPITW)		Production		Crop sector		Livestock sector	
	2020	2021	2020	2021	2020	2021	2020	2021
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January .....	110.9	110.6	107.6	105.9	111.5	110.9	110.2	110.3
February .....	110.6	111.5	107.1	107.0	111.5	111.1	109.7	111.9
March .....	109.6	112.4	105.8	108.1	111.0	111.9	108.3	112.9
April .....	108.1	113.3	104.1	109.4	110.3	112.4	105.9	114.2
May .....	108.0	114.1	103.9	110.2	110.2	113.2	105.7	114.9
June .....	107.9	115.3	103.7	111.7	110.3	114.6	105.5	116.1
July .....	108.4	116.6	103.8	112.7	110.7	115.8	106.1	117.3
August .....	108.5	117.0	103.8	113.3	110.6	116.3	106.3	117.8
September .....	108.7	117.3	104.0	113.6	110.5	117.1	106.7	117.5
October .....	109.2	118.4	104.5	115.0	110.6	118.4	107.7	118.5
November .....	109.8	119.4	105.3	116.2	110.7	119.4	108.8	119.4
December .....	110.2	120.7	105.8	118.0	110.8	120.4	109.5	121.0

# Prices Received for Field Crops and Fruits – United States: December 2021 with Comparisons

[Price data source for non-citrus fruit commodities is United States Department of Agriculture's Agricultural Marketing Service]

Commodity	2011 Base Price	December 2020	November 2021	December 2021
<b>Field crops</b>				
Barley, all .....dollars/bushel	4.79	4.79	5.22	5.40
Feed .....dollars/bushel	4.59	3.01	5.56	5.51
Malting .....dollars/bushel	4.83	4.86	5.17	5.39
Beans, dry edible .....dollars/cwt	34.60	31.00	36.70	41.30
Canola .....dollars/cwt	23.10	17.20	31.70	32.50
Chickpeas, all .....dollars/cwt	35.70	20.20	37.80	41.40
Large .....dollars/cwt	39.20	19.30	39.00	42.60
Small .....dollars/cwt	23.40	21.50	20.10	20.20
Corn .....dollars/bushel	6.02	3.97	5.27	5.47
Cotton, Upland .....dollars/pound	0.880	0.657	0.859	0.876
Cottonseed .....dollars/ton	131.00	195.00	244.00	239.00
Flaxseed .....dollars/bushel	14.20	10.90	26.10	31.40
Hay, all, baled .....dollars/ton	159.00	152.00	187.00	187.00
Alfalfa .....dollars/ton	176.00	166.00	210.00	213.00
Other .....dollars/ton	119.00	133.00	147.00	146.00
Lentils .....dollars/cwt	27.50	18.20	32.70	36.20
Oats .....dollars/bushel	3.42	2.69	4.80	5.67
Peanuts, in-shell .....dollars/pound	0.252	0.204	0.254	0.240
Peas, dry edible .....dollars/cwt	13.60	10.20	22.20	20.50
Rice, all .....dollars/cwt	13.70	14.10	14.80	15.90
Long .....dollars/cwt	12.30	12.30	13.20	13.30
Medium and short .....dollars/cwt	18.40	19.90	20.80	21.70
Sorghum grain .....dollars/cwt	10.70	8.95	10.10	10.50
Soybeans .....dollars/bushel	12.50	10.60	12.20	12.50
Sunflowers, all .....dollars/cwt	29.00	19.20	30.20	31.70
Wheat, all .....dollars/bushel	7.44	5.46	8.51	8.58
Winter .....dollars/bushel	6.93	5.60	7.78	7.80
Durum .....dollars/bushel	9.22	5.87	14.00	12.80
Other spring .....dollars/bushel	8.33	5.17	8.81	8.72
Hard red winter .....dollars/bushel	7.07	5.55	7.65	7.65
Soft red winter .....dollars/bushel	6.77	6.38	7.31	7.54
Hard red spring .....dollars/bushel	8.38	5.15	8.86	8.75
White .....dollars/bushel	6.58	5.65	8.28	8.30
<b>Fruits</b>				
Citrus, equivalent on-tree				
Grapefruit .....dollars/box	7.47	15.95	21.13	15.63
Lemons .....dollars/box	12.30	23.23	23.18	21.08
Oranges .....dollars/box	8.16	11.30	18.06	11.62
Non-citrus, fresh <sup>1</sup>				
Apples .....dollars/pound	0.325	0.702	0.715	0.716
Grapes .....dollars/ton	628.00	2,100.00	2,100.00	2,440.00
Peaches .....dollars/ton	507.00	(S)	(S)	(S)
Pears .....dollars/ton	559.00	1,310.00	1,230.00	1,220.00
Strawberries .....dollars/cwt	104.00	186.00	301.00	247.00

(S) Insufficient number of reports to establish an estimate.

<sup>1</sup> Beginning February 2020, price reflects FOB shipping point basis

## Prices Received for Vegetables and Livestock – United States: December 2021 with Comparisons

[Price data source for vegetables, livestock, and poultry commodities is United States Department of Agriculture's Agricultural Marketing Service]

Commodity	2011 Base Price	December 2020	November 2021	December 2021
<b>Vegetables, fresh <sup>1</sup></b>				
Asparagus .....dollars/cwt	37.50	(S)	(S)	(S)
Beans, snap .....dollars/cwt	69.00	86.80	80.40	43.40
Broccoli .....dollars/cwt	41.60	71.60	116.00	90.70
Cantaloupes .....dollars/cwt	16.50	(S)	51.40	(S)
Carrots .....dollars/cwt	30.80	42.60	40.50	40.50
Cauliflower .....dollars/cwt	47.00	101.00	52.70	50.80
Celery .....dollars/cwt	22.50	55.10	54.50	44.30
Corn, sweet .....dollars/cwt	30.70	72.90	66.50	48.20
Cucumbers .....dollars/cwt	18.70	26.70	27.90	21.80
Lettuce .....dollars/cwt	24.30	21.20	63.00	22.50
Onions <sup>2</sup> .....dollars/cwt	11.90	19.50	34.70	35.10
Potatoes .....dollars/cwt	14.30	10.30	13.50	13.50
Tomatoes .....dollars/cwt	51.20	73.50	70.70	48.60
<b>Livestock</b>				
Calves .....dollars/cwt	142.00	165.00	174.00	181.00
Cattle, all beef .....dollars/cwt	115.00	108.00	129.00	137.00
Cows <sup>3</sup> .....dollars/cwt	71.60	58.10	69.20	69.10
Steers and heifers .....dollars/cwt	117.00	111.00	132.00	141.00
Milk cows <sup>4</sup> .....dollars/head	1,420.00	(NA)	(NA)	(NA)
Hogs, all .....dollars/cwt	66.50	49.10	58.60	56.50
Barrows and gilts .....dollars/cwt	66.80	49.40	58.20	56.20
Sows .....dollars/cwt	57.90	42.20	69.60	64.30
<b>Dairy and poultry</b>				
Milk, all <sup>5</sup> .....dollars/cwt	20.10	18.30	20.80	21.80
Fat test .....percent	3.71	4.13	4.15	4.20
Broilers, live <sup>6</sup> .....dollars/pound	0.459	0.438	0.599	0.743
Eggs, all .....dollars/dozen	0.969	0.734	1.09	1.36
Market <sup>7</sup> .....dollars/dozen	0.796	0.452	0.845	1.16
Turkeys, live <sup>8</sup> .....dollars/pound	0.680	0.721	0.847	0.847
<b>Adjusted for seasonal variation</b>				
Eggs, all .....dollars/dozen	0.979	0.611	0.954	1.13
Seasonal factor .....percent	101	120	114	121
Milk, all .....dollars/cwt	20.20	17.70	19.20	21.10
Seasonal factor .....percent	100	104	109	103

(NA) Not available.

(S) Insufficient number of reports to establish an estimate.

<sup>1</sup> Beginning February 2020, price reflects FOB shipping point basis

<sup>2</sup> Includes some processing.

<sup>3</sup> Beef cows and cull dairy cows sold for slaughter.

<sup>4</sup> Animals sold for dairy herd replacement only. Prices available for January, April, July, and October.

<sup>5</sup> Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

<sup>6</sup> Live weight equivalent price.

<sup>7</sup> Also referred to as table eggs.

<sup>8</sup> Live weight equivalent price is used when actual live weight price is not available. Beginning January 2011, price reflects FOB shipping point basis. Prior year price reflects delivered basis.



## Prices Received for All Wheat, Corn, and Soybeans by Month – United States: 2021 with Comparisons

[Blank data cells indicate estimation period has not yet begun]

Month	All wheat			Corn			Soybeans		
	2019	2020	2021	2019	2020	2021	2019	2020	2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
January .....	5.28	4.88	5.48	3.56	3.79	4.24	8.64	8.84	10.90
February .....	5.33	4.88	5.83	3.60	3.78	4.75	8.52	8.60	12.70
March .....	5.19	4.86	5.86	3.61	3.68	4.89	8.52	8.47	13.20
April .....	4.93	4.85	6.04	3.53	3.29	5.31	8.28	8.35	13.90
May .....	4.78	4.76	6.46	3.63	3.20	5.91	8.02	8.28	14.80
June .....	4.81	4.57	6.24	3.98	3.16	6.00	8.31	8.34	14.50
July .....	4.52	4.54	6.26	4.16	3.21	6.12	8.38	8.50	14.10
August .....	4.34	4.54	7.13	3.93	3.12	6.32	8.22	8.66	13.70
September ...	4.26	4.73	7.75	3.80	3.41	5.47	8.35	9.24	12.20
October .....	4.45	4.98	7.90	3.85	3.61	5.02	8.60	9.63	11.90
November ....	4.39	5.24	8.51	3.68	3.79	5.27	8.59	10.30	12.20
December ....	4.64	5.46	8.58	3.71	3.97	5.47	8.70	10.60	12.50

## Prices Received for Beef Cattle and All Hogs by Month – United States: 2021 with Comparisons

[Price data source for livestock commodities is United States Department of Agriculture's Agricultural Marketing Service. Blank data cells indicate estimation period has not yet begun]

Month	Beef cattle <sup>1</sup>			All hogs <sup>2</sup>		
	2019	2020	2021	2019	2020	2021
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
January .....	121.00	122.00	110.00	44.60	47.80	50.20
February .....	123.00	120.00	112.00	43.40	45.50	56.40
March .....	126.00	113.00	113.00	46.50	47.70	67.20
April .....	125.00	108.00	118.00	59.40	42.30	75.60
May .....	120.00	109.00	118.00	62.30	51.00	79.30
June .....	114.00	109.00	121.00	59.50	41.30	82.70
July .....	112.00	97.10	122.00	56.60	39.90	80.00
August .....	111.00	103.00	123.00	58.50	42.90	79.00
September .....	103.00	104.00	124.00	47.70	49.70	70.80
October .....	107.00	106.00	123.00	49.10	56.30	65.50
November .....	113.00	107.00	129.00	48.00	51.90	58.60
December .....	118.00	108.00	137.00	47.30	49.10	56.50

<sup>1</sup> Cows and steers & heifers.

<sup>2</sup> Barrows & gilts and sows.

## Prices Received for All Wheat – States and United States: December 2021 with Comparisons

State	December 2020	November 2021	December 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona .....	(S)	(D)	(S)
Arkansas .....	(D)	(D)	(D)
California .....	(D)	(D)	(D)
Colorado .....	5.21	7.13	7.06
Idaho .....	5.19	7.54	7.29
Illinois .....	5.54	7.10	7.53
Indiana .....	6.15	7.45	6.84
Kansas .....	5.55	7.92	7.93
Michigan .....	5.76	6.83	6.66
Minnesota .....	5.15	8.45	8.59
Missouri .....	6.90	7.29	7.90
Montana .....	5.24	8.83	8.52
Nebraska .....	5.40	7.69	7.02
North Carolina .....	6.07	7.46	8.32
North Dakota .....	5.19	9.69	9.56
Ohio .....	5.69	7.32	6.67
Oklahoma .....	5.34	7.82	7.78
Oregon .....	6.44	(D)	9.30
South Dakota .....	5.13	8.67	8.62
Texas .....	(D)	6.59	7.82
Washington .....	5.62	8.68	8.69
United States .....	5.46	8.51	8.58

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

## Prices Received for Winter Wheat – States and United States: December 2021 with Comparisons

State	December 2020	November 2021	December 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas .....	(D)	(D)	(D)
California .....	(D)	(D)	(D)
Colorado .....	5.21	7.13	7.06
Idaho .....	5.18	7.58	7.25
Illinois .....	5.54	7.10	7.53
Indiana .....	6.15	7.45	6.84
Kansas .....	5.55	7.92	7.93
Michigan .....	5.76	6.83	6.66
Missouri .....	6.90	7.29	7.90
Montana .....	5.24	7.38	7.23
Nebraska .....	5.40	7.69	7.02
North Carolina .....	6.07	7.46	8.32
North Dakota .....	4.81	7.82	8.90
Ohio .....	5.69	7.32	6.67
Oklahoma .....	5.34	7.82	7.78
Oregon .....	6.44	(D)	9.30
South Dakota .....	5.08	8.04	8.50
Texas .....	(D)	6.59	7.82
Washington .....	5.60	8.61	8.65
United States .....	5.60	7.78	7.80

(D) Withheld to avoid disclosing data for individual operations.

## Prices Received for Durum Wheat – States and United States: December 2021 with Comparisons

State	December 2020	November 2021	December 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona .....	(S)	(D)	(S)
California .....	(D)	(D)	(S)
Idaho .....	(D)	(D)	(S)
Montana .....	(D)	(D)	(D)
North Dakota .....	5.94	15.90	15.10
United States .....	5.87	14.00	12.80

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

## Prices Received for Spring Wheat – States and United States: December 2021 with Comparisons

State	December 2020	November 2021	December 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Idaho .....	5.18	7.47	7.39
Minnesota .....	5.15	8.45	8.59
Montana .....	5.16	9.13	8.74
North Dakota .....	5.11	8.75	8.84
South Dakota .....	5.18	9.31	8.72
Washington .....	5.70	9.03	8.96
United States .....	5.17	8.81	8.72

## Prices Received for Oats – States and United States: December 2021 with Comparisons

State	December 2020	November 2021	December 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois .....	(S)	(S)	(D)
Iowa .....	3.42	4.22	5.75
Michigan .....	2.78	(D)	5.40
Minnesota .....	2.48	5.14	5.66
Montana .....	(S)	(D)	(D)
Nebraska .....	(D)	(D)	(S)
New York .....	(D)	(S)	(S)
North Dakota .....	2.47	4.66	5.67
Oregon .....	(D)	(S)	(S)
Pennsylvania .....	(D)	(D)	(S)
South Dakota .....	2.80	5.17	6.24
Texas .....	(S)	(S)	(S)
Wisconsin .....	2.78	4.25	5.15
United States .....	2.69	4.80	5.67

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

### Prices Received for All Barley – States and United States: December 2021 with Comparisons

State	December 2020	November 2021	December 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(D)	(S)	(S)
Colorado .....	4.75	4.91	5.02
Idaho .....	4.85	5.38	5.33
Minnesota .....	(D)	(D)	5.31
Montana .....	4.35	5.09	5.58
North Dakota .....	4.85	5.27	5.43
Washington .....	5.14	5.54	5.77
Wyoming .....	(D)	4.88	(D)
United States .....	4.79	5.22	5.40

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

### Prices Received for Malting Barley – States and United States: December 2021 with Comparisons

State	December 2020	November 2021	December 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(D)	(S)	(S)
Colorado .....	4.75	4.90	5.02
Idaho .....	4.86	5.37	5.32
Minnesota .....	(D)	(D)	5.31
Montana .....	4.47	4.83	5.45
North Dakota .....	4.92	5.27	5.58
Washington .....	(D)	(D)	(D)
Wyoming .....	(D)	4.88	(D)
United States .....	4.86	5.17	5.39

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

### Prices Received for Feed Barley – States and United States: December 2021 with Comparisons

State	December 2020	November 2021	December 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(S)	(S)	(S)
Colorado .....	(S)	6.37	(S)
Idaho .....	2.93	5.72	5.74
Minnesota .....	(S)	(S)	(S)
Montana .....	2.73	(D)	6.60
North Dakota .....	3.10	5.27	5.13
Washington .....	3.15	4.87	5.82
Wyoming .....	(S)	(S)	(S)
United States .....	3.01	5.56	5.51

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

### Prices Received for Corn – States and United States: December 2021 with Comparisons

State	December 2020	November 2021	December 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado .....	4.16	5.65	5.55
Illinois .....	3.86	5.27	5.41
Indiana .....	4.06	5.37	5.58
Iowa .....	4.05	5.23	5.54
Kansas .....	4.17	5.53	5.78
Kentucky .....	4.08	5.29	5.30
Michigan .....	4.08	5.12	5.36
Minnesota .....	3.73	5.19	5.22
Missouri .....	4.00	5.47	5.50
Nebraska .....	3.92	5.21	5.38
North Carolina .....	5.19	6.10	6.51
North Dakota .....	3.73	5.10	5.22
Ohio .....	4.11	5.25	5.41
Pennsylvania .....	4.88	5.83	5.93
South Dakota .....	3.76	5.34	5.58
Tennessee .....	4.30	5.65	5.86
Texas .....	4.58	5.69	6.13
Wisconsin .....	3.80	5.06	5.33
United States .....	3.97	5.27	5.47

### Prices Received for Sorghum Grain – States and United States: December 2021 with Comparisons

State	December 2020	November 2021	December 2021
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas .....	9.18	10.20	10.60
Nebraska .....	8.47	10.30	10.70
Oklahoma .....	9.74	10.20	10.10
Texas .....	8.34	9.53	10.30
United States .....	8.95	10.10	10.50

### Prices Received for Soybeans – States and United States: December 2021 with Comparisons

State	December 2020	November 2021	December 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas .....	10.70	12.10	12.40
Illinois .....	10.30	12.10	12.50
Indiana .....	10.80	12.20	12.70
Iowa .....	10.90	12.20	12.50
Kansas .....	10.90	11.90	12.40
Kentucky .....	10.30	12.10	12.30
Louisiana .....	10.20	12.20	12.70
Michigan .....	11.30	12.70	12.50
Minnesota .....	10.40	12.10	12.50
Mississippi .....	10.10	11.90	12.40
Missouri .....	10.60	12.20	12.70
Nebraska .....	10.50	12.00	12.30
North Carolina .....	11.10	12.50	12.90
North Dakota .....	9.92	12.00	12.20
Ohio .....	11.30	12.30	12.70
South Dakota .....	10.00	12.10	12.40
Tennessee .....	10.80	12.00	12.40
Wisconsin .....	11.10	12.10	12.40
United States .....	10.60	12.20	12.50

### Prices Received for Dry Beans – States and United States: December 2021 with Comparisons

State	December 2020	November 2021	December 2021
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California .....	(D)	(D)	(D)
Colorado .....	(D)	(D)	39.90
Idaho .....	(D)	31.80	(D)
Michigan .....	33.20	45.50	40.50
Minnesota .....	35.60	30.60	39.80
Nebraska .....	(D)	(D)	(D)
North Dakota .....	27.90	36.50	42.10
United States .....	31.00	36.70	41.30

(D) Withheld to avoid disclosing data for individual operations.

### Prices Received for Canola – States and United States: December 2021 with Comparisons

State	December 2020	November 2021	December 2021
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota .....	(D)	(D)	(D)
Montana .....	15.80	(D)	(D)
North Dakota .....	17.20	31.90	32.70
Oklahoma .....	(S)	(S)	(S)
United States .....	17.20	31.70	32.50

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

### Prices Received for Flaxseed – States and United States: December 2021 with Comparisons

State	December 2020	November 2021	December 2021
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota .....	10.90	26.10	31.40
United States .....	10.90	26.10	31.40

### Prices Received for Peanuts (in shell) – States and United States: December 2021 with Comparisons

State	December 2020	November 2021	December 2021
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama .....	0.208	0.246	0.225
Arkansas .....	0.191	0.243	0.225
Florida .....	0.203	0.245	0.268
Georgia .....	0.201	0.233	0.232
Mississippi .....	0.063	0.225	0.214
New Mexico .....	(S)	0.492	(S)
North Carolina .....	0.206	0.265	0.259
Oklahoma .....	0.226	0.304	(S)
South Carolina .....	0.210	0.258	0.232
Texas .....	0.234	0.397	0.331
Virginia .....	0.216	0.271	0.241
United States .....	0.204	0.254	0.240

(S) Insufficient number of reports to establish an estimate.

### Prices Received for Sunflower – States and United States: December 2021 with Comparisons

State	December 2020	November 2021	December 2021
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas .....	21.40	26.60	(D)
Minnesota .....	21.00	(D)	24.60
North Dakota .....	20.50	30.00	31.80
South Dakota .....	17.50	30.70	32.00
United States .....	19.20	30.20	31.70

(D) Withheld to avoid disclosing data for individual operations.

## Prices Received for Upland Cotton and Cottonseed – States and United States: December 2021 with Comparisons

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	December 2020	November 2021	December 2021	December 2020	November 2021	December 2021
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama .....	0.631	0.855	(D)	136.00	182.00	189.00
Arizona .....	(D)	(D)	(D)	300.00	358.00	(NA)
Arkansas .....	0.678	0.704	(D)	(NA)	255.00	(NA)
California .....	(D)	(S)	(D)	354.00	421.00	460.00
Georgia .....	0.700	0.880	0.924	153.00	194.00	190.00
Louisiana .....	0.658	0.837	0.916	(NA)	255.00	(NA)
Mississippi .....	0.623	(D)	0.820	(NA)	253.00	250.00
North Carolina .....	0.671	(D)	0.932	194.00	225.00	226.00
Tennessee .....	0.696	0.712	0.918	265.00	245.00	256.00
Texas .....	0.629	0.907	0.883	200.00	252.00	253.00
United States .....	0.657	0.859	0.876	195.00	244.00	239.00

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

(S) Insufficient number of reports to establish an estimate.

## Prices Received and Marketings for Upland Cotton and Rice – United States: December 2021 with Comparisons

Item	December 2020	November 2021	December 2021
Cotton, Upland			
Average price ..... dollars/pound	0.657	0.859	0.876
Marketings <sup>1</sup> ..... 1,000 bales	2,950	3,336	2,557
Rice, all			
Average price ..... dollars/cwt	14.10	14.80	15.90
Marketings <sup>2</sup> ..... 1,000 cwt	21,209	13,933	16,979
Rice, long			
Average price ..... dollars/cwt	12.30	13.20	13.30
Marketings <sup>2</sup> ..... 1,000 cwt	16,138	10,817	11,696
Rice, medium and short			
California			
Average price ..... dollars/cwt	22.20	23.50	24.00
Other States <sup>3</sup>			
Average price ..... dollars/cwt	12.90	13.60	13.70
United States			
Average price ..... dollars/cwt	19.90	20.80	21.70
Marketings <sup>2</sup> ..... 1,000 cwt	5,071	3,116	5,283

<sup>1</sup> Marketings based on a survey of cotton buyers in the major producing States - Alabama, Arizona, Arkansas, California, Georgia, Louisiana, Mississippi, North Carolina, Tennessee, and Texas.

<sup>2</sup> Purchases by private firms and rice (rough equivalent) shipped by cooperatives.

<sup>3</sup> Other States include Arkansas, Louisiana, Mississippi, Missouri, and Texas.



## Prices Received for Hay by Type – States and United States: December 2021 with Comparisons

State	All hay			Alfalfa hay			Other hay		
	December 2020	November 2021	December 2021	December 2020	November 2021	December 2021	December 2020	November 2021	December 2021
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Arizona .....	181.00	215.00	225.00	180.00	215.00	225.00	190.00	190.00	200.00
California .....	176.00	197.00	202.00	185.00	210.00	215.00	145.00	155.00	160.00
Colorado .....	208.00	222.00	218.00	205.00	220.00	215.00	215.00	235.00	240.00
Idaho .....	164.00	216.00	222.00	165.00	220.00	225.00	140.00	180.00	180.00
Illinois .....	144.00	167.00	161.00	165.00	175.00	170.00	110.00	145.00	140.00
Iowa .....	113.00	185.00	162.00	122.00	195.00	172.00	93.00	139.00	148.00
Kansas .....	132.00	147.00	149.00	154.00	174.00	176.00	95.00	97.00	98.00
Kentucky .....	154.00	164.00	166.00	215.00	220.00	220.00	140.00	150.00	150.00
Michigan .....	177.00	175.00	175.00	190.00	195.00	200.00	150.00	140.00	130.00
Minnesota .....	121.00	176.00	173.00	134.00	206.00	190.00	80.00	146.00	143.00
Missouri .....	109.00	117.00	117.00	155.00	160.00	165.00	100.00	105.00	105.00
Montana .....	129.00	232.00	244.00	130.00	235.00	250.00	125.00	215.00	215.00
Nebraska .....	104.00	142.00	141.00	118.00	160.00	158.00	76.00	100.00	100.00
Nevada .....	180.00	194.00	199.00	180.00	195.00	200.00	175.00	175.00	180.00
New Mexico .....	217.00	227.00	227.00	225.00	230.00	230.00	170.00	210.00	210.00
New York .....	164.00	158.00	161.00	200.00	214.00	225.00	160.00	137.00	137.00
North Dakota .....	84.00	163.00	157.00	87.00	169.00	169.00	64.00	102.00	96.00
Ohio .....	169.00	168.00	165.00	200.00	200.00	200.00	150.00	145.00	140.00
Oklahoma .....	103.00	104.00	105.00	185.00	175.00	174.00	99.00	90.00	101.00
Oregon .....	187.00	253.00	252.00	205.00	255.00	260.00	160.00	250.00	240.00
Pennsylvania .....	199.00	172.00	170.00	265.00	226.00	252.00	185.00	158.00	150.00
South Dakota .....	100.00	159.00	156.00	110.00	174.00	170.00	78.00	129.00	130.00
Texas .....	150.00	156.00	154.00	214.00	202.00	201.00	144.00	148.00	148.00
Utah .....	184.00	249.00	254.00	190.00	250.00	255.00	130.00	200.00	195.00
Washington .....	178.00	238.00	249.00	180.00	230.00	240.00	170.00	260.00	265.00
Wisconsin .....	166.00	168.00	164.00	178.00	181.00	171.00	124.00	119.00	136.00
Wyoming .....	174.00	217.00	216.00	175.00	220.00	225.00	170.00	200.00	195.00
United States .....	152.00	187.00	187.00	166.00	210.00	213.00	133.00	147.00	146.00

## Prices Received for Premium and Supreme Alfalfa Hay – States and 5-State Total: December 2021

State	December 2020	November 2021	December 2021
	(dollars per ton)	(dollars per ton)	(dollars per ton)
California .....	220.00	245.00	250.00
Idaho .....	185.00	240.00	250.00
Michigan .....	215.00	215.00	220.00
Minnesota .....	182.00	258.00	235.00
New York .....	257.00	287.00	293.00
Pennsylvania .....	335.00	270.00	290.00
Texas .....	225.00	243.00	243.00
Wisconsin .....	229.00	260.00	260.00
5-State Total <sup>1 2</sup> .....	203.00	246.00	253.00

<sup>1</sup> 5-State total represents a weighted (hay purchases) average price for the five largest milk producing States (based on the pounds of milk produced during the previous month).

<sup>2</sup> For December 2020, includes California, Idaho, New York, Texas, and Wisconsin. For November 2021, includes California, Idaho, New York, Texas, and Wisconsin. For December 2021, includes California, Idaho, New York, Texas, and Wisconsin.

### Prices Received for Citrus Fruits by Utilization – United States: December 2020

Commodity	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit .....	39.70	18.30	28.29	5.73	15.95	26.06	3.23
Lemons .....	46.90	29.88	36.22	(D)	23.23	29.30	(D)
Oranges .....	35.10	14.30	24.40	9.50	11.30	21.50	6.46

(D) Withheld to avoid disclosing data for individual operations.

### Prices Received for Citrus Fruits by Utilization – United States: November 2021

Commodity	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit .....	48.50	23.95	36.90	(D)	21.13	34.47	(D)
Lemons .....	45.60	29.88	34.92	(D)	23.18	28.00	(D)
Oranges .....	36.60	21.08	25.79	5.19	18.06	22.79	2.07

(D) Withheld to avoid disclosing data for individual operations.

### Prices Received for Citrus Fruits by Utilization – United States: December 2021

Commodity	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit .....	44.30	18.51	33.08	4.14	15.63	30.68	0.79
Lemons .....	46.30	27.66	35.68	(D)	21.08	28.76	(D)
Oranges .....	36.30	14.68	25.50	9.50	11.62	22.52	6.40

(D) Withheld to avoid disclosing data for individual operations.

## Prices Received for All Milk – States and United States: December 2021 with Comparisons

[Before deduction for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies]

State	December 2020		November 2021		December 2021	
	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona .....	16.90	3.92	19.80	3.88	20.90	3.91
California .....	18.10	4.05	21.20	4.08	22.20	4.20
Colorado .....	19.00	4.00	21.00	3.98	21.80	4.00
Florida .....	23.70	3.76	23.40	3.68	24.50	3.68
Georgia .....	22.50	3.79	22.30	3.68	23.40	3.71
Idaho .....	17.70	4.32	20.80	4.23	21.90	4.29
Illinois .....	18.40	4.13	20.80	4.18	21.40	4.19
Indiana .....	19.20	4.07	20.10	4.12	21.70	4.12
Iowa .....	18.30	4.22	20.70	4.33	21.50	4.32
Kansas .....	16.70	4.20	19.80	4.29	20.50	4.28
Michigan .....	17.80	4.00	19.70	4.04	20.70	4.07
Minnesota .....	18.70	4.31	20.80	4.40	21.70	4.41
New Mexico .....	16.30	3.99	19.00	3.98	19.90	4.11
New York .....	18.30	4.08	21.30	4.11	22.00	4.14
Ohio .....	19.90	4.04	21.10	4.09	21.80	4.10
Oregon .....	19.70	4.27	22.90	4.27	23.70	4.41
Pennsylvania .....	18.80	4.08	21.50	4.11	22.30	4.11
South Dakota .....	19.50	4.52	22.10	4.65	22.80	4.67
Texas .....	18.00	4.38	20.60	4.39	21.80	4.41
Utah .....	18.90	4.14	20.50	4.10	21.60	4.12
Vermont .....	19.00	4.09	21.70	4.14	22.70	4.17
Virginia .....	22.00	4.01	22.40	4.03	23.40	4.05
Washington .....	17.80	4.27	21.50	4.29	22.30	4.33
Wisconsin .....	18.10	4.10	20.30	4.16	21.60	4.17
United States .....	18.30	4.13	20.80	4.15	21.80	4.20

## Prices Received for Milk Cows – States and United States: January 2022 with Comparisons

[Animals sold for dairy herd replacement only. Quarterly United States milk cow prices are based on revised milk cow inventory]

State	January 2021	October 2021	January 2022
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona .....	1,500	1,500	1,500
California .....	1,350	1,300	1,330
Colorado .....	1,300	1,400	1,400
Florida .....	1,400	1,430	1,460
Georgia .....	1,280	1,290	1,250
Idaho .....	1,350	1,300	1,350
Illinois .....	1,290	1,320	1,300
Indiana .....	1,350	1,320	1,370
Iowa .....	1,310	1,310	1,380
Kansas .....	1,400	1,380	1,450
Michigan .....	1,400	1,360	1,410
Minnesota .....	1,260	1,260	1,320
New Mexico .....	1,400	1,450	1,400
New York .....	1,300	1,270	1,330
Ohio .....	1,230	1,300	1,310
Oregon .....	1,300	1,250	1,400
Pennsylvania .....	1,250	1,310	1,400
South Dakota .....	1,350	1,330	1,350
Texas .....	1,400	1,350	1,400
Utah .....	1,200	1,250	1,200
Vermont .....	1,350	1,400	1,460
Virginia .....	1,180	1,260	1,300
Washington .....	1,350	1,350	1,400
Wisconsin .....	1,470	1,450	1,470
United States .....	1,360	1,340	1,380

## Parity Price Overview

Parity prices, based on data from January 2020, and adjusted base price data from which parity prices are computed are presented in the tables on the following pages. Parity prices are computed under the provisions of Title III, Subtitle A, Section 301(a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, 1954, and 1956.

The parity prices shown in this report are based on the provisions of the amended Act. Briefly, the actual method of computation is as follows:

- a. The average of prices received by farmers for individual commodities for the 10 preceding years is calculated (for 2020, the 10-average includes the years 2010-2019). An allowance for unredeemed loans and other supplemental payments resulting from price support programs, such as the deficiency payments for grains and cotton, is included for those commodities for which applicable.
- b. This 10-year average is divided by the average of the Index of Prices Received by Farmers for the same 10 preceding calendar years, adjusted to include an allowance for unredeemed loans and other supplemental price support operations, to give an "adjusted base price".
- c. Parity prices are computed by multiplying the "adjusted base prices" by the current Parity Index (the Index of Prices Paid by Farmers, including Interest, Taxes, and Wage Rates, 1910-1914=100).

Parity prices are calculated in terms of prices received by farmers in the local markets in which they ordinarily sell. This means that the parity prices apply to the average of all classes and grades of the commodity as sold by all farmers in the United States, except as otherwise specified. Fruits and vegetables for fresh use and for processing are usually considered separate commodities and separate parity prices are calculated. The Agricultural Marketing Agreement Act of 1937 provided for parity prices for certain commodities covered by a marketing agreement or order program. Under present legislation, United States parity prices, with appropriate adjustments where needed, may be used for the purpose of this Act.

## Commodity Parity Prices and Price as Percent of Parity Price – United States: December 2021 with Comparisons

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February *Agricultural Prices* for details on adjusted base price and parity price computations. Parity data not available for blank cells. Primary source of data for livestock and milk prices is United States Department of Agriculture's Agricultural Marketing Service]

Commodity and unit	Adjusted base price	Parity price			Price as percent of parity		
		December 2020	November 2021	December 2021	December 2020	November 2021	December 2021
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)
<b>Basic commodities</b>							
All wheat .....bushel	0.548	17.00	17.60	17.90	32	48	48
Rice .....cwt	1.29	39.70	41.40	42.10	36	36	38
Corn .....bushel	0.423	13.20	13.60	13.80	30	39	40
Cotton							
Upland .....pound	0.068	2.14	2.18	2.22	31	39	39
American Pima .....pound	0.126	4.12	4.04	4.12	26	29	29
Peanuts .....pound	0.022	0.702	0.706	0.719	29	36	33
Small chickpeas <sup>1</sup> .....cwt	2.30	73.20	73.80	75.10	29	27	27
Large chickpeas <sup>1</sup> .....cwt	2.97	94.90	95.30	97.00	20	41	44
Lentils <sup>1</sup> .....cwt	2.27	72.90	72.80	74.20	25	45	49
<b>Designated non-basic</b>							
All milk, to plants <sup>2</sup> .....cwt	1.79	54.60	57.40	58.50	32	33	36
Honey, extracted <sup>3</sup> .....pound	0.198	5.83	6.35	6.47	35	32	31
<b>Wool and mohair</b>							
Wool .....pound	0.151	4.51	4.84	4.93	42	34	34
Mohair .....pound	0.461	13.90	14.80	15.10	43	34	34
<b>Other non-basic</b>							
Apples, fresh <sup>4</sup> .....pound	0.038	1.100	1.220	1.240	64	59	58
Barley .....bushel	0.494	15.10	15.80	16.10	32	33	34
Canola .....cwt	1.79	55.20	57.40	58.50	31	55	56
Cottonseed .....ton	19.30	589.00	619.00	631.00	33	39	38
Dry edible beans .....cwt	3.13	94.60	100.00	102.00	33	37	40
Flaxseed .....bushel	1.07	33.20	34.30	35.00	33	76	90
Oats .....bushel	0.290	8.85	9.30	9.47	30	52	60
Potatoes, fresh .....cwt	1.09	32.30	35.00	35.60	32	39	38
Sorghum grain .....cwt	0.729	22.40	23.40	23.80	40	43	44
Soybeans .....bushel	1.03	32.30	33.00	33.70	33	37	37
Sunflower, all .....cwt	2.07	63.10	66.40	67.60	30	45	47
<b>Citrus (equivalent on-tree)</b>							
Grapefruit .....box	0.936	27.60	30.00	30.60	58	70	51
Lemons .....box	2.03	60.40	65.10	66.30	38	36	32
Oranges .....box	1.070	32.00	34.30	35.00	35	53	33
<b>Livestock and poultry</b>							
Beef cattle .....cwt	11.90	363.00	382.00	389.00	30	34	35
Broilers .....pound	0.050	1.59	1.60	1.63	28	37	46
Calves .....cwt	17.40	528.00	558.00	568.00	31	31	32
Eggs <sup>2</sup> .....dozen	0.099	3.08	3.18	3.23	20	30	35
Hogs .....cwt	5.55	174.00	178.00	181.00	28	33	31
Turkeys, live .....pound	0.066	2.010	2.120	2.160	36	40	39

<sup>1</sup> Parity prices began January 2015.

<sup>2</sup> Seasonally adjusted price as percentage of parity price.

<sup>3</sup> Wholesale extracted. Adjusted base price derived from state annual averages prices weighted by production. For 1982 through 1985 the national averages are the support prices.

<sup>4</sup> Equivalent packinghouse-door returns for California, New York, Oregon, and Washington. Price at point of first sale for other states.

## Commodity Parity Prices – United States: December 2021 with Comparisons

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February *Agricultural Prices* for details on adjusted base price and parity price computations]

Commodity and unit	Adjusted base price	Parity price		
		December 2020	November 2021	December 2021
	(dollars)	(dollars)	(dollars)	(dollars)
Field crops and miscellaneous				
Hops .....pound	0.441	12.90	14.10	14.40
Mustard seed ..... cwt	3.04	93.60	97.50	99.30
Rapeseed ..... cwt	2.50	77.80	80.20	81.70
Rye ..... bushel	0.621	19.20	19.90	20.30
Safflower ..... cwt	2.20	66.80	70.60	71.90
Spearmint oil .....pound	1.71	53.10	54.90	55.90
Sweet potatoes ..... cwt	2.05	61.30	65.80	67.00
Tobacco				
Flue-cured, 11-14 .....pound	0.186	5.64	5.97	6.08
Fire-cured, 21-23 .....pound	0.255	7.81	8.18	8.33
Burley, 31 .....pound	0.186	5.58	5.97	6.08
Maryland, 32 .....pound	0.175	5.31	5.61	5.72
Dark air-cured, 35-37 .....pound	0.227	6.95	7.28	7.42
Pennsylvania seedleaf, 41 .....pound	0.224	6.53	7.19	7.32
Non-citrus fruit				
Apples, processing <sup>1 2</sup> .....ton	20.60	634.00	661.00	673.00
Apricots, fresh <sup>3</sup> .....ton	125.00	3,870.00	4,010.00	4,080.00
Avocados <sup>2 3</sup> .....ton	185.00	5,920.00	5,930.00	6,040.00
Cherries				
Sweet .....ton	214.00	6,470.00	6,870.00	6,990.00
Tart <sup>2</sup> .....pound	0.030	0.885	0.962	0.980
Cranberry <sup>2 4</sup> ..... barrel	3.32	103.00	107.00	108.00
Dates (California) <sup>3</sup> .....ton	220.00	6,280.00	7,060.00	7,190.00
Grapes (California)				
Wine, processing .....ton	79.40	2,390.00	2,550.00	2,590.00
Kiwifruit <sup>2</sup> .....ton	128.00	3,570.00	4,110.00	4,180.00
Nectarines, fresh (California) <sup>3</sup> .....ton	84.20	2,470.00	2,700.00	2,750.00
Olives, canning (California) <sup>4</sup> .....ton	112.00	3,420.00	3,590.00	3,660.00

See footnote(s) at end of table.

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## Commodity Parity Prices – United States: December 2021 with Comparisons (continued)

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February *Agricultural Prices* for details on adjusted base price and parity price computations]

Commodity and unit	Adjusted base price	Parity price		
		December 2020	November 2021	December 2021
	(dollars)	(dollars)	(dollars)	(dollars)
Non-citrus fruit - continued				
Papayas (Hawaii) .....pound	0.042	1.28	1.35	1.37
Peaches, fresh <sup>4 5</sup> .....ton	111.00	3,230.00	3,560.00	3,630.00
Pears, fresh <sup>5</sup> .....ton	61.70	1,920.00	1,980.00	2,020.00
Plums (California) equivalent on-tree				
Fresh <sup>6</sup> .....ton	85.50	2,450.00	2,740.00	2,790.00
Strawberries				
Fresh <sup>7</sup> .....pound	10.20	311.00	327.00	333.00
Processing .....pound	3.94	119.00	126.00	129.00
Sugar crops				
Sugarbeets <sup>2 8</sup> .....ton	4.56	150.00	146.00	149.00
Sugarcane <sup>2 8</sup> .....ton	3.47	106.00	111.00	113.00
Tree nuts <sup>9</sup>				
Almonds .....pound	0.254	7.87	8.15	8.30
Hazelnuts .....ton	230.00	7,230.00	7,380.00	7,510.00
Pistachios .....pound	0.253	7.63	8.12	8.27
Walnuts .....ton	225.00	7,230.00	7,220.00	7,350.00
Vegetables, fresh <sup>7</sup>				
Carrots <sup>10</sup> .....cwt	2.71	80.50	86.90	88.50
Cauliflower <sup>10</sup> .....cwt	4.35	141.00	140.00	142.00
Celery <sup>10</sup> .....cwt	2.13	65.00	68.30	69.60
Honeydew melons .....cwt	2.09	83.60	67.00	68.30
Lettuce .....cwt	2.66	83.60	85.30	86.90
Onions <sup>10</sup> .....cwt	1.41	43.90	45.20	46.10
Tomatoes .....cwt	4.07	124.00	131.00	133.00

<sup>1</sup> Equivalent returns at processing plant door.

<sup>2</sup> Adjusted base price is carried forward from the previous year since current marketing year average price is not yet available.

<sup>3</sup> Equivalent returns at packinghouse door.

<sup>4</sup> Equivalent returns for bulk fruit at first delivery point.

<sup>5</sup> Equivalent packinghouse-door returns for California, New York (apples only), Oregon (except peaches), and Washington. Price at point of first sale for other states.

<sup>6</sup> Based on "as sold" prices for fresh fruit in all states.

<sup>7</sup> FOB shipping point price.

<sup>8</sup> Relates to prices including average conditional payments per ton made under the sugar acts of 1937 and 1948. Crop deficiency and abandonment payments not included.

<sup>9</sup> Prices In-Shell basis except almonds which are shelled basis.

<sup>10</sup> Includes some processing.

**Marketing Year for Specified Commodities**

**Rice:**

United States .....	August 1 to July 31
Louisiana and Texas .....	July 1 to June 30
Arkansas and Mississippi .....	August 1 to July 31
California .....	October 1 to September 30
Missouri .....	September 1 to August 31



**Rice Market Year Average Prices Received by All and Length of Grain – States and United States:  
Marketing Years 2018 through 2020**

State	2018	2019	2020
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
<b>All rice</b>			
Arkansas .....	10.70	11.90	12.50
California .....	21.30	21.80	22.80
Louisiana .....	11.20	11.80	12.60
Mississippi .....	10.80	11.90	12.50
Missouri .....	10.70	12.10	12.10
Texas .....	12.50	12.80	13.30
United States <sup>1</sup> .....	12.60	13.60	14.40
<b>Long grain</b>			
United States <sup>1</sup> .....	10.80	12.00	12.60
<b>Medium and short grain</b>			
California .....	21.10	21.60	22.60
Other States <sup>1</sup> .....	12.30	11.60	13.00
United States <sup>1</sup> .....	18.50	18.20	20.10

<sup>1</sup> Based on state prices weighted by marketings for August through July.

## All Rice Prices Received and Farm Marketings by Month – United States: Marketing Years 2019-2020 through 2021-2022

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of August through July]

Month	Prices received			Farm marketings <sup>1</sup>		
	2019-2020	2020-2021 <sup>2</sup>	2021-2022 <sup>2</sup>	2019-2020	2020-2021 <sup>2</sup>	2021-2022 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
August .....	12.80	15.80	15.40	10,188	5,768	8,070
September .....	12.30	13.70	14.20	9,309	8,281	10,527
October .....	12.80	13.50	14.20	15,100	15,793	13,121
November .....	13.50	13.90	14.80	11,761	14,319	13,933
December .....	12.80	14.10	15.90	17,379	21,209	16,979
January <sup>3</sup> .....	14.10	14.60		20,295	23,715	
February .....	13.70	14.40		12,443	14,782	
March .....	13.80	14.40		14,054	17,373	
April .....	14.10	14.40		9,973	12,757	
May .....	14.50	15.00		8,134	9,768	
June .....	14.90	15.00		7,584	10,391	
July .....	14.70	14.60		6,658	11,429	
MYA .....	13.60	14.40		142,878	165,585	

<sup>1</sup> Purchases from producers as reported by private firms and rice (rough equivalent) shipped from producers as reported by cooperative mills.

<sup>2</sup> Prices and marketings include late reports and revised data for October 2020 - November 2021. Final monthly prices, marketings, and MYA price will be published in the January 2023 *Agricultural Prices* report.

<sup>3</sup> Second year.

## Long Grain Rice Prices Received and Farm Marketings by Month – United States: Marketing Years 2019-2020 through 2021-2022

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of August through July]

Month	Prices received			Farm marketings <sup>1</sup>		
	2019-2020	2020-2021 <sup>2</sup>	2021-2022 <sup>2</sup>	2019-2020	2020-2021 <sup>2</sup>	2021-2022 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
August .....	10.90	13.60	13.20	7,905	3,415	6,038
September ....	11.20	12.60	13.00	7,843	6,534	9,045
October .....	11.40	12.20	13.10	11,758	13,029	11,235
November .....	11.60	12.10	13.20	8,599	10,758	10,817
December .....	11.70	12.30	13.30	14,331	16,138	11,696
January <sup>3</sup> .....	12.00	12.40		14,765	18,022	
February .....	12.50	12.50		9,684	11,132	
March .....	12.60	12.80		10,541	13,473	
April .....	12.90	12.80		7,292	9,645	
May .....	12.90	12.80		5,541	7,368	
June .....	13.40	13.10		5,311	7,779	
July .....	13.20	13.00		4,115	8,798	
MYA .....	12.00	12.60		107,685	126,091	

<sup>1</sup> Purchases from producers as reported by private firms and rice (rough equivalent) shipped from producers as reported by cooperative mills.

<sup>2</sup> Prices and marketings include late reports and revised data for October 2020 - November 2021. Final monthly prices, marketings, and MYA price will be published in the January 2023 *Agricultural Prices* report.

<sup>3</sup> Second year.

## Medium and Short Grain Rice Prices Received and Farm Marketings by Month – United States: Marketing Years 2019-2020 through 2021-2022

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of August through July]

Month	Prices received			Farm marketings <sup>1</sup>		
	2019-2020	2020-2021 <sup>2</sup>	2021-2022 <sup>2</sup>	2019-2020	2020-2021 <sup>2</sup>	2021-2022 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
August .....	19.40	18.90	22.00	2,283	2,353	2,032
September .....	18.10	17.70	21.70	1,466	1,747	1,482
October .....	17.80	19.80	20.60	3,342	2,764	1,886
November .....	18.70	19.40	20.80	3,162	3,561	3,116
December .....	17.90	19.90	21.70	3,048	5,071	5,283
January <sup>3</sup> .....	19.80	21.50		5,530	5,693	
February .....	17.90	19.90		2,759	3,650	
March .....	17.30	20.00		3,513	3,900	
April .....	17.40	19.70		2,681	3,112	
May .....	17.80	21.60		2,593	2,400	
June .....	18.40	20.50		2,273	2,612	
July .....	17.20	19.90		2,543	2,631	
MYA .....	18.20	20.10		35,193	39,494	

<sup>1</sup> Purchases from producers as reported by private firms and rice (rough equivalent) shipped from producers as reported by cooperative mills.

<sup>2</sup> Prices and marketings include late reports and revised data for October 2020 - November 2021. Final monthly prices, marketings, and MYA price will be published in the January 2023 *Agricultural Prices* report.

<sup>3</sup> Second year.

## Medium and Short Grain Rice Prices Received by Month – California and Other States: Marketing Years 2020-2021 through 2021-2022

[Marketing year for California: October - September. Marketing Year for Other States: August - July. Other States include Arkansas, Louisiana, Mississippi, Missouri, and Texas]

Month	California		Other States	
	2020-2021 <sup>1</sup>	2021-2022 <sup>1</sup>	2020-2021	2021-2022 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
August .....	21.20	22.80	12.30	13.40
September .....	21.80	22.60	12.30	13.60
October .....	22.80	22.60	12.60	13.30
November .....	22.90	23.50	12.60	13.60
December .....	22.20	24.00	12.90	13.70
January <sup>3</sup> .....	22.80		12.90	
February .....	22.50		13.20	
March .....	22.70		13.50	
April .....	22.40		13.50	
May .....	22.80		13.90	
June .....	22.50		13.60	
July .....	22.70		13.70	
August .....	22.80		13.40	
September .....	22.60		13.60	
MYA .....	22.60		13.00	

<sup>1</sup> Prices include late reports and revised data for October 2020 - November 2021.

<sup>2</sup> Prices include late reports and revised data for August 2021 - November 2021. Final monthly prices and MYA price will be published in the October 2022 *Agricultural Prices* report.

<sup>3</sup> Second year.

# Prices Received Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2017-2021

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Agricultural production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	85.8	90.9	94.1	95.9	99.5	97.9	95.3	93.9	92.3	87.6	91.3	92.2	93.4
2018 ....	86.1	90.9	95.0	92.9	94.6	94.9	91.5	89.5	88.3	85.1	88.4	90.0	90.5
2019 ....	86.4	90.2	93.2	93.6	92.5	93.6	91.2	91.4	87.8	86.0	90.3	91.1	90.4
2020 ....	88.9	90.6	92.5	82.0	84.5	88.0	86.6	86.8	88.7	88.8	92.7	91.0	89.9
2021 ....	89.7	95.3	97.9	104.5	106.4	107.5	107.0	109.5	108.7	106.8	108.8	112.6	105.3
Year	Crop production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	77.0	84.5	85.5	91.1	89.4	86.5	86.3	88.3	89.4	82.4	81.6	84.7	86.2
2018 ....	78.4	86.3	87.7	88.4	88.7	89.8	86.5	89.3	87.8	80.0	83.9	87.4	85.8
2019 ....	78.5	84.8	87.5	85.5	84.7	89.7	89.0	88.9	88.3	83.0	84.9	85.9	85.4
2020 ....	82.5	86.4	87.2	86.1	86.5	89.2	88.3	90.0	93.2	87.8	91.7	91.3	90.8
2021 ....	88.3	97.2	98.4	105.1	105.8	107.2	106.8	109.9	108.4	106.0	107.3	105.9	105.0
Year	Grain and oilseed												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	65.2	65.7	65.8	64.3	63.4	62.5	64.8	63.8	64.4	65.5	61.7	63.1	65.5
2018 ....	64.8	66.4	68.4	69.6	69.5	67.8	65.7	65.4	65.0	64.8	62.3	64.6	65.4
2019 ....	65.2	65.7	65.3	63.8	63.5	67.1	67.4	65.8	65.2	67.2	65.0	66.0	64.6
2020 ....	67.4	67.2	66.1	62.5	60.9	60.6	61.4	61.8	66.1	70.4	71.7	75.0	70.1
2021 ....	78.5	88.4	90.6	96.8	104.1	101.7	99.7	104.1	96.1	91.8	93.4	97.5	94.1
Year	Food grain												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	63.0	63.4	65.7	63.7	62.4	61.5	65.4	67.5	68.2	71.0	75.6	70.8	71.1
2018 ....	74.1	75.3	76.8	79.2	79.7	72.9	69.8	75.2	73.6	75.9	78.3	76.9	74.2
2019 ....	78.7	78.1	75.6	74.0	72.3	67.9	63.6	62.9	65.1	71.3	74.2	73.8	72.7
2020 ....	77.8	78.6	79.3	79.6	79.1	68.8	65.1	68.0	72.5	77.1	81.4	82.5	74.2
2021 ....	84.2	88.9	88.6	90.3	96.6	88.7	86.4	98.3	105.0	109.0	111.2	115.9	103.5
Year	Feed grain												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	56.9	57.9	58.7	57.4	57.7	57.6	59.0	56.8	55.5	54.7	52.8	54.3	57.2
2018 ....	55.2	56.9	58.9	59.9	61.4	60.2	58.7	58.2	57.6	57.2	57.0	59.2	61.2
2019 ....	59.4	60.3	60.6	59.0	60.6	66.6	69.7	66.6	63.8	64.1	61.2	61.7	59.2
2020 ....	63.1	63.1	61.6	55.1	53.6	53.2	54.7	54.1	57.9	60.8	64.1	67.2	62.4
2021 ....	71.2	80.0	82.0	88.8	98.5	99.8	101.7	104.7	91.3	83.9	88.1	91.5	88.7
Year	Oilseed												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	77.4	78.5	77.3	74.7	74.3	72.8	75.4	74.3	75.2	73.5	73.6	74.4	75.3
2018 ....	74.5	76.3	79.0	79.2	79.2	76.8	73.3	70.1	70.6	68.9	67.1	68.6	67.9
2019 ....	69.4	68.9	68.6	66.9	65.2	67.5	67.8	67.1	67.0	68.9	68.7	69.6	68.6
2020 ....	70.9	69.3	68.5	67.6	67.4	67.7	69.0	70.5	74.1	77.0	82.0	84.3	79.4
2021 ....	86.8	100.2	103.9	109.6	116.0	113.9	111.1	108.2	98.4	95.5	98.2	100.7	98.1
Year	Fruit and tree nut												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	118.3	118.6	118.0	113.7	125.8	127.5	130.5	131.1	135.4	132.3	133.3	133.3	129.6
2018 ....	134.3	136.9	125.9	122.0	111.3	131.5	129.3	126.3	129.1	128.1	127.9	123.4	128.1
2019 ....	119.9	111.8	114.8	107.5	101.0	112.9	120.7	123.3	127.8	127.1	126.9	123.3	122.8
2020 ....	116.9	129.0	127.2	121.2	121.0	134.7	146.0	141.8	143.0	146.0	145.9	136.2	138.6
2021 ....	126.9	127.0	121.5	140.3	124.8	129.2	131.5	134.1	133.1	134.5	136.1	131.0	135.7

See footnote(s) at end of table.

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# Prices Received Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2017-2021 (continued)

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Vegetables & melons												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	98.6	116.3	122.5	156.7	110.8	106.9	101.1	94.2	104.1	117.1	106.0	113.7	111.8
2018 ...	101.8	96.7	117.5	95.1	104.3	99.6	88.5	93.3	91.0	97.8	143.7	153.0	107.7
2019 ...	117.1	122.4	144.6	113.4	104.8	127.7	121.0	100.7	98.5	123.3	144.4	134.5	121.8
2020 ...	187.7	110.0	127.1	110.5	108.2	132.2	117.5	99.6	122.4	133.1	149.9	114.1	125.5
2021 ...	118.3	95.8	102.0	90.8	91.8	101.4	101.7	97.3	120.9	191.1	171.8	119.4	118.1
Year	Other crop												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	77.6	75.4	76.3	78.6	80.6	82.6	84.2	83.2	86.8	84.7	81.8	83.5	83.3
2018 ...	83.0	79.8	80.8	82.8	87.2	91.6	92.7	92.6	96.3	91.9	89.3	90.5	90.3
2019 ...	84.9	85.0	86.4	88.1	91.0	93.7	92.8	86.4	93.5	87.0	82.0	82.9	83.8
2020 ...	80.4	80.4	79.4	78.5	80.9	85.6	87.2	87.3	93.9	88.5	84.9	86.1	88.1
2021 ...	86.7	88.7	88.8	89.5	94.0	100.0	102.8	102.5	109.0	106.3	103.7	104.4	102.3
Year	Food commodity												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	93.1	96.0	99.7	101.0	105.5	103.9	100.6	98.7	97.0	93.4	100.5	99.5	99.5
2018 ...	92.7	95.2	99.9	96.1	98.0	98.6	94.8	91.9	90.7	88.8	94.1	94.3	94.0
2019 ...	92.8	94.2	97.9	97.5	96.0	96.6	93.3	94.0	89.8	89.3	97.3	96.8	95.3
2020 ...	96.4	95.0	97.7	84.2	87.6	92.3	90.3	90.2	92.1	94.0	100.3	95.6	97.3
2021 ...	94.3	97.5	100.4	107.2	108.0	109.0	108.0	110.8	111.4	111.7	114.8	118.4	108.4
Year	Livestock production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	96.5	95.9	100.5	99.5	106.7	107.1	103.9	98.5	94.9	94.2	101.8	99.6	100.1
2018 ...	94.7	94.2	99.8	95.7	98.3	98.5	95.6	89.7	88.7	91.4	92.7	92.3	94.4
2019 ...	97.8	95.2	98.1	100.5	99.2	97.3	93.7	93.8	87.4	90.8	97.2	97.1	95.8
2020 ...	98.4	94.7	97.3	78.4	82.8	86.8	84.6	83.7	84.0	90.4	94.0	90.8	88.9
2021 ...	91.8	93.6	97.4	104.0	106.9	107.7	107.2	109.0	109.0	108.1	110.6	120.5	105.6
Year	Meat animal												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	96.0	99.2	103.0	103.9	111.4	110.8	104.0	98.8	90.0	93.0	99.7	97.2	100.5
2018 ...	99.3	103.4	101.8	96.3	99.2	96.1	94.5	90.5	88.7	93.1	93.1	93.1	95.8
2019 ...	96.7	97.6	100.7	104.9	102.0	97.2	94.9	94.9	86.0	89.7	92.9	94.7	96.1
2020 ...	98.5	96.5	92.8	87.5	91.4	88.0	79.9	85.2	87.8	91.8	91.1	89.8	90.0
2021 ...	91.7	95.3	99.8	106.2	106.8	109.9	109.7	110.2	108.3	106.2	106.9	110.1	105.3
Year	Cattle												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	102.2	103.7	109.0	111.7	118.4	114.8	104.7	100.1	94.0	98.5	106.2	104.4	105.5
2018 ...	105.7	109.8	109.7	104.6	105.0	98.0	96.2	96.5	95.7	98.4	100.4	102.8	101.8
2019 ...	106.2	107.8	110.3	109.7	104.3	99.4	97.6	96.7	90.4	94.7	99.7	103.3	101.6
2020 ...	107.0	105.2	99.3	94.8	95.4	95.3	85.4	90.5	91.8	94.1	95.3	95.6	95.8
2021 ...	97.2	98.7	99.5	103.8	103.1	105.5	106.6	107.8	108.9	108.7	113.3	119.8	106.1
Year	Hog												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	72.3	81.8	79.7	72.8	80.6	93.4	101.2	92.5	73.5	71.1	75.2	73.1	80.6
2018 ...	78.9	82.1	75.2	68.1	77.4	88.9	88.1	66.6	65.0	75.6	69.5	65.3	75.1
2019 ...	67.1	65.3	69.9	89.3	93.7	89.5	85.1	88.0	71.7	73.8	72.2	71.1	78.1
2020 ...	71.9	68.4	71.7	63.6	76.7	62.1	60.0	64.5	74.7	84.7	78.0	73.8	70.9
2021 ...	75.5	84.8	101.1	113.7	119.2	124.4	120.3	118.8	106.5	98.5	88.1	85.0	103.0

See footnote(s) at end of table.

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## Prices Received Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2017-2021 (continued)

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Dairy												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	94.0	91.5	86.1	82.1	83.1	86.1	85.6	90.0	89.1	90.0	90.5	85.6	87.8
2018 ....	80.6	76.1	77.6	78.6	80.6	81.1	77.1	80.1	84.1	87.1	85.6	82.6	80.9
2019 ....	82.6	83.6	87.6	88.1	89.6	90.0	93.0	94.0	96.0	100.5	105.5	103.0	92.8
2020 ....	97.0	94.0	89.1	71.6	68.2	90.5	102.5	92.5	88.1	99.5	105.0	91.0	90.8
2021 ....	87.1	85.1	86.6	91.5	95.5	91.5	89.1	88.1	91.5	98.0	103.5	108.5	93.0

  

Year	Poultry												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	99.4	92.2	106.4	104.2	116.0	116.3	116.5	103.7	109.4	99.6	114.6	114.5	108.1
2018 ....	111.2	112.0	140.2	129.2	131.5	137.1	130.0	104.1	96.6	95.5	105.0	108.4	116.6
2019 ....	112.2	100.6	102.4	103.5	102.6	104.1	92.0	91.2	82.8	85.6	99.0	96.7	97.6
2020 ....	99.3	91.9	112.2	67.3	79.3	81.5	79.6	74.5	73.7	81.4	91.2	92.0	85.4
2021 ....	96.1	98.5	103.5	112.7	119.0	120.4	119.2	125.4	127.0	121.3	125.6	152.3	118.4

<sup>1</sup> Weighted index using monthly commodity market shares.

## Prices Received Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2017-2021

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Agricultural production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	885	938	971	990	1026	1010	983	968	952	904	942	951	964
2018 ....	888	938	981	958	976	980	944	924	911	879	912	929	934
2019 ....	891	930	962	966	955	966	941	943	906	888	932	940	932
2020 ....	918	935	955	846	872	908	893	896	916	917	956	939	928
2021 ....	926	984	1010	1078	1098	1109	1104	1130	1122	1102	1122	1162	1086

  

Year	Crop production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	671	737	745	795	780	755	752	770	780	719	712	739	752
2018 ....	684	752	765	771	774	783	755	779	766	698	732	762	748
2019 ....	685	739	763	746	739	782	776	776	770	724	741	750	745
2020 ....	720	754	761	751	754	778	770	785	813	766	799	796	792
2021 ....	770	848	858	917	922	935	931	959	945	924	936	923	916

  

Year	Livestock production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	1121	1114	1167	1155	1239	1244	1206	1144	1101	1094	1182	1157	1162
2018 ....	1099	1094	1159	1111	1141	1144	1110	1041	1030	1061	1077	1072	1096
2019 ....	1136	1106	1140	1167	1151	1130	1088	1089	1014	1055	1129	1128	1112
2020 ....	1143	1100	1129	910	961	1008	982	972	975	1050	1092	1054	1033
2021 ....	1066	1087	1131	1207	1241	1251	1244	1266	1266	1255	1284	1399	1226

<sup>1</sup> Weighted index using monthly commodity market shares.

## Reliability of Prices Received Estimates

**Definition:** Prices received represent sales from producers to first buyers. They include all grades and qualities. The average commodity price from the survey multiplied by the total quantity marketed theoretically should give the total cash receipts for the commodity.

**Survey procedures:** Primary sales data used to determine grain prices were obtained from probability samples of about 1,900 mills and elevators. These procedures ensure that virtually all grain moving into commercial channels has a chance of being included in the survey. Generally, States surveyed account for 90 percent or more of total United States production. Livestock prices are obtained from packers, stockyards, auctions, dealers, and market check data from AMS-USDA, private marketing organizations, and state commodity groups and agencies. Inter-farm sales of grain and livestock are not included since they represent very small percentages of the total sales. Grain marketed for seed is also excluded. Fruit and vegetable prices are obtained from sample surveys and market check data from AMS-USDA, private marketing organizations, state agencies, and universities.

**Summary and estimation procedures:** Survey quantities sold are expanded by strata to state levels and used to weight average strata prices to a state average. State prices are then weighted to a United States price based on expanded sales. Recommendations are prepared by the Regional Field Offices and reviewed by the Agricultural Statistics Board in Washington, D.C. State recommendations are reviewed for reasonableness with survey data, other States, and recent historic estimates.

**Revisions:** In general, revisions are made during annual commodity market year estimation time, following five-year Census revisions, or when later information is received. Revisions are published in monthly issues of *Agricultural Prices*.

**Reliability:** United States price estimates based on probability surveys generally have a sampling error of less than one percent for the major commodities such as corn, wheat, soybeans, cotton, and rice. Current methods of summarization for non-probability commodities are not designed directly to calculate sampling errors. However, analytical measures approximate the United States relative sampling errors at around five percent. Any non-sampling errors are attributed to such things as the inability to obtain correct information, differences in interpreting questions or definitions, mistakes in coding or processing the data, etc. Efforts are made at each step in the survey process to minimize these non-sampling errors.

**Program Changes:** After the Council on Food, Agricultural and Resource Economics (C-FARE) 2009 program review which included changes in farm production practices, plans were implemented to make necessary program improvements in the agricultural price program. The index group structure for prices received was modified to maintain a more universal structure and consistency with the required 1910-1914 series.

Modifications implemented January 2014 include the following: updated the current 1990-1992 base reference period to 2011; linked the 1910-1914 series to the updated base reference period, 2011; created index groups used universally by researchers, data users, and policymakers; and re-classified agricultural commodities into the index groups. Also, the modifications expanded the commodity coverage for vegetable, melon, non-citrus, and tree nuts; updated monthly market weights; and adjusted (normalized) current five year moving average cash receipts and farm input cost weights.

Modifications implemented January 2015 discontinued preliminary prices and replaced the annual average index with an annual index.

The February 2016 program update changed the rounding of the 2011 base period indexes to nearest tenth of a percent. The 1910-1914 base period indexes remain rounded to the nearest whole number.

See Price Program Links at end of this report for program change details.

## December Prices Paid by Farmers

The December Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 120.7, is up 1.1 percent from November 2021 and 9.5 percent from December 2020.

**Production:** The December index, at 118.0, is up 1.5 percent from November and 12 percent from last year. Higher prices for nitrogen, feeder cattle, complete feeds, and mixed fertilizer more than offset lower prices for LP gas, diesel, and gasoline.

**Feed:** At 117.4, the December index increased 1.6 percent from November and 14 percent from last December. Since November, prices are higher for complete feeds, feed grains, concentrates, hay & forages, and supplements.

**Livestock and poultry:** The December index, at 116.7, increased 3.8 percent from November and 13 percent from last year. Since November, prices are higher for feeder cattle and feeder pigs. The December feeder cattle price, at \$161.00 per cwt, is up \$6.00 per cwt from November. The December feeder pigs price, at \$187.00 per cwt, is up \$17.00 per cwt from November.

**Fertilizer:** The index for December, at 105.0, is up 8.4 percent from November and 62 percent from December a year ago. Since November, prices are higher for nitrogen, mixed fertilizer, and potash & phosphate.

**Chemicals:** The December index, at 101.7, is unchanged from November but up 5.0 percent from last December.

**Fuels:** At 66.5, the December index is down 6.1 percent from November but up 23 percent from December 2021. Compared with November, prices are lower for LP gas, diesel, and gasoline.

**Machinery:** The index for December, at 144.5, increased 2.1 percent from November and 18 percent from December. Compared with last month, prices are higher for self-propelled machinery, other machinery, and tractors.

**Consumer Price Index:** The December 2021 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 7.0 percent over the last 12 months to an index level of 278.802 (1982-1984=100). For the month, the index increased 0.3 percent prior to seasonal adjustment.



# Prices Paid Indexes and Related Parity Ratios – United States: December 2021 with Comparisons

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Index Group and Ratios	1910-1914 Base			2011 Base		
	December 2020	November 2021	December 2021	December 2020	November 2021	December 2021
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW) .....	2981	3231	3267	110.2	119.4	120.7
Production .....	2203	2419	2455	105.8	116.2	118.0
Feed .....	1140	1273	1294	103.4	115.5	117.4
Livestock and poultry .....	2037	2219	2304	103.2	112.4	116.7
Seeds .....	3711	3718	3718	112.9	113.1	113.1
Fertilizer .....	779	1167	1264	64.7	96.9	105.0
Chemicals .....	870	913	913	96.9	101.7	101.7
Fuels .....	1513	1981	1861	54.1	70.8	66.5
Supplies and repairs .....	1384	1549	1553	117.3	131.3	131.7
Autos and trucks .....	3308	3654	3694	107.6	118.9	120.2
Machinery .....	7503	8649	8829	122.8	141.5	144.5
Building materials .....	2879	3460	3514	123.8	148.7	151.1
Services and rent .....	2493	2542	2549	(NA)	(NA)	(NA)
Services .....	(NA)	(NA)	(NA)	117.2	122.2	122.7
Rent .....	(NA)	(NA)	(NA)	117.6	115.4	115.4
Interest <sup>1</sup> .....	3678	3696	3696	100.9	101.4	101.4
Taxes <sup>2</sup> .....	7047	7143	7143	118.7	120.4	120.4
Wage rates .....	10156	10617	10617	141.8	148.3	148.3
Family living-CPI <sup>3</sup> .....	2474	2640	2648	115.8	123.6	124.0
Production, interest, taxes, and wage rates (PITW) .....	3080	3348	3390	109.2	118.7	120.2
Ratio (received/paid) .....	(NA)	(NA)	(NA)	83	92	93
Parity ratio <sup>4</sup> .....	31	35	36	(NA)	(NA)	(NA)
Parity ratio adjusted <sup>5</sup> .....	35	37	38	(NA)	(NA)	(NA)
PPITW adjusted for productivity <sup>6</sup> .....	1728	1828	1835	(NA)	(NA)	(NA)
Crop sector (PPITW) .....	(NA)	(NA)	(NA)	110.8	119.4	120.4
Livestock sector (PPITW) .....	(NA)	(NA)	(NA)	109.5	119.4	121.0
Farm sector (production) .....	(NA)	(NA)	(NA)	105.1	114.0	116.4
Non-farm sector (production) .....	(NA)	(NA)	(NA)	106.3	117.6	118.9

(NA) Not available.

<sup>1</sup> Interest per acre on farm real estate debt and interest rate on farm non-real estate debt.

<sup>2</sup> Farm real estate taxes payable per acre.

<sup>3</sup> Bureau of Labor Statistics, Consumer Price Index for all urban consumers (CPI-U), converted by the USDA.

<sup>4</sup> Ratio of index of prices received to PPITW (1910-1914=100).

<sup>5</sup> Based on estimated cash receipts, from marketings and government payments, the preliminary adjustment factor is updated annually.

<sup>6</sup> PPITW is adjusted based on productivity trend for the prior 15 years.

## Prices Paid Indexes and Annual Weights for Input Components and Sub-components – United States: December 2021 with Comparisons

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov). Relative weights are five year moving averages]

Index Group	Relative weights		Indexes (2011=100)		
	2020	2021	December 2020	November 2021	December 2021
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items .....	72.9	72.8	105.8	116.2	118.0
Feed .....	13.3	13.8	103.4	115.5	117.4
Feed grains .....	1.9	2.0	69.5	90.1	94.0
Complete feeds .....	6.5	6.7	108.3	119.7	121.9
Hay and forages .....	1.7	1.7	101.0	121.0	121.7
Concentrates .....	2.1	2.2	117.6	111.7	112.5
Supplements .....	1.1	1.2	109.8	133.3	134.3
Livestock and poultry .....	9.2	9.5	103.2	112.4	116.7
Feeder cattle .....	7.2	7.4	103.4	113.3	117.6
Feeder pigs .....	0.7	0.8	102.1	121.4	133.6
Milk cow replacements .....	0.7	0.8	94.4	94.4	94.4
Poultry .....	0.6	0.6	113.1	113.1	113.1
Seeds .....	5.1	5.0	112.9	113.1	113.1
Field crops .....	4.6	4.6	111.6	112.4	112.4
Grasses and legumes .....	0.5	0.5	125.4	119.8	119.8
Fertilizer .....	5.1	5.4	64.7	96.9	105.0
Mixed fertilizer .....	2.2	2.4	66.1	81.6	85.4
Nitrogen .....	2.1	2.3	64.6	112.0	126.0
Potash and phosphate .....	0.7	0.8	60.4	99.6	103.3
Chemicals .....	3.5	3.6	96.9	101.7	101.7
Herbicides .....	2.2	2.2	98.0	102.8	102.8
Insecticides .....	0.8	0.8	93.7	99.3	99.3
Fungicides and other .....	0.5	0.5	96.8	100.9	100.9
Fuels .....	3.2	3.3	54.1	70.8	66.5
Diesel .....	2.0	2.0	48.1	62.0	60.6
Gasoline .....	0.7	0.7	52.2	71.7	70.0
LP gas .....	0.5	0.5	78.9	102.1	84.3
Supplies and repairs .....	4.6	4.5	117.3	131.3	131.7
Supplies .....	1.5	1.5	118.7	132.3	132.8
Repairs .....	3.0	3.0	116.6	130.8	131.1
Autos and trucks .....	1.2	1.1	107.6	118.9	120.2
Autos .....	0.2	0.1	102.2	112.5	114.4
Trucks .....	1.1	1.0	108.4	119.8	121.1
Machinery .....	4.7	4.3	122.8	141.5	144.5
Tractors .....	1.0	0.9	111.6	129.6	132.3
Self-propelled .....	1.9	1.7	123.0	129.6	132.9
Other machinery .....	1.8	1.6	129.0	161.0	163.7
Building materials .....	4.0	3.7	123.8	148.7	151.1
Services .....	11.9	11.8	117.2	122.2	122.7
Custom rates .....	1.2	1.2	119.6	114.7	114.7
Other services .....	10.7	10.6	117.0	123.1	123.7
Rent .....	7.1	6.8	117.6	115.4	115.4
Cash .....	3.8	3.6	124.5	123.1	123.1
Share .....	3.3	3.1	109.7	106.5	106.5
Interest .....	2.6	2.5	100.9	101.4	101.4
Taxes .....	3.1	3.1	118.7	120.4	120.4
Wage rates .....	7.4	7.5	141.8	148.3	148.3
Family living-CPI .....	14.0	14.1	115.8	123.6	124.0

## Feed Price Ratios – United States: December 2021 with Comparisons

Feed price ratio <sup>1</sup>	December 2020	November 2021	December 2021
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight <sup>2</sup> .....	3.8	4.3	5.2
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs <sup>3</sup> .....	4.6	7.0	9.3
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight .....	12.4	11.1	10.3
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk <sup>4</sup> .....	2.17	1.94	1.98
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight .....	28.0	25.0	25.8
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight <sup>5</sup> .....	6.9	6.3	6.1

<sup>1</sup> Effective January 1995, prices of commercial prepared feeds are based on current United States prices received for corn, soybeans, alfalfa hay, and all wheat.

<sup>2</sup> The price of commercial prepared broiler feed is based on current United States prices received for corn and soybeans. The modeled feed uses 58 percent corn and 42 percent soybeans.

<sup>3</sup> The price of commercial prepared layer feed is based on current United States prices received for corn and soybeans. The modeled feed uses 75 percent corn and 25 percent soybeans.

<sup>4</sup> The price of commercial prepared dairy feed is based on current United States prices received for corn, soybeans, and alfalfa. The modeled feed uses 51 percent corn, 8 percent soybeans, and 41 percent alfalfa.

<sup>5</sup> The price of commercial prepared turkey feed is based on current United States prices received for corn, soybeans, and wheat. The modeled feed uses 51 percent corn, 28 percent soybeans, and 21 percent wheat.

## Prices Received Used to Calculate Feed Price Ratios – United States: December 2021 with Comparisons

[Price data source for livestock and poultry commodities is United States Department of Agriculture's Agriculture Marketing Service]

Item	December 2020	November 2021	December 2021
	(dollars)	(dollars)	(dollars)
Broilers, live ..... pound	0.438	0.599	0.743
Eggs, market ..... dozen	0.452	0.845	1.16
Hogs, all ..... cwt	49.10	58.60	56.50
Milk, all ..... cwt	18.30	20.80	21.80
Steers and heifers ..... cwt	111.00	132.00	141.00
Turkeys, live ..... pound	0.721	0.847	0.847
Corn ..... bushel	3.97	5.27	5.47
Hay, alfalfa ..... ton	166.00	210.00	213.00
Soybeans ..... bushel	10.60	12.20	12.50
Wheat, all ..... bushel	5.46	8.51	8.58

## Prices Paid for Feeder Livestock – United States: December 2021 with Comparisons

[Price data source is United States Department of Agriculture's Agriculture Marketing Service]

Item	December 2020	November 2021	December 2021
	(dollars)	(dollars)	(dollars)
Feeder cattle & calves ..... cwt	142.00	155.00	161.00
Feeder pigs ..... cwt	143.00	170.00	187.00

## Annual Average Prices Paid for Feeder Livestock – United States: 2016-2021

Item	2016	2017	2018	2019	2020	2021
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Feeders and stockers						
Cattle and calves .....cwt	144.00	146.00	148.00	141.00	138.00	147.00
Feeder pigs .....cwt	126.00	141.00	132.00	150.00	92.10	185.00

## Grazing Fee Rates for Cattle – States, Regions, and United States: 2020 and 2021

State	Survey average rates <sup>1</sup>					
	Animal unit <sup>2</sup>		Cow-calf		Per head	
	2020	2021	2020	2021	2020	2021
	(dollars per month)	(dollars per month)	(dollars per month)	(dollars per month)	(dollars per month)	(dollars per month)
Arizona .....	10.00	(S)	(S)	(S)	(S)	(S)
California .....	23.50	22.00	27.50	27.60	19.50	24.00
Colorado .....	19.50	19.50	23.00	23.50	20.00	20.00
Idaho .....	18.50	19.00	22.50	22.50	19.50	19.50
Kansas .....	20.50	22.50	25.00	27.00	25.00	28.00
Montana .....	23.50	26.50	26.00	28.00	24.00	26.00
Nebraska .....	47.00	49.00	55.00	58.00	44.00	44.00
Nevada .....	(S)	(S)	(S)	(S)	(S)	18.00
New Mexico .....	16.50	16.50	18.50	(S)	16.50	17.00
North Dakota .....	21.00	23.00	(S)	25.00	(S)	(S)
Oklahoma .....	12.50	11.00	13.00	(S)	13.50	11.50
Oregon .....	18.00	18.50	21.50	21.50	20.50	21.50
South Dakota .....	27.50	33.00	34.00	38.00	33.00	37.00
Texas .....	11.50	10.00	15.00	(S)	16.00	14.00
Utah .....	18.00	18.50	(S)	20.00	19.50	19.50
Washington .....	14.50	14.50	(S)	(S)	17.00	(S)
Wyoming .....	22.50	24.50	25.00	25.50	24.00	24.50
17-State <sup>3</sup> .....	20.60	21.20	24.40	24.70	22.70	22.80
16-State <sup>4</sup> .....	23.50	24.90	27.40	28.70	24.80	25.70
11-State <sup>5</sup> .....	19.80	20.70	23.10	23.60	20.50	21.90
9-State <sup>6</sup> .....	20.80	21.30	24.70	24.90	23.30	23.00

(S) Insufficient number of reports to establish an estimate.

<sup>1</sup> The average rates are estimates based on survey indications of monthly lease rates for private, non-irrigated grazing land from the January Cattle Survey.

<sup>2</sup> Animal unit (AUM) rate includes survey rates for both animal unit and cow-calf. The rate is converted to an AUM rate using a multiplier factor of 0.833. The multiplier factor is the conversion of a 1,200 pound cow to a 1,000 pound cow.

<sup>3</sup> 17 Western States: Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming.

<sup>4</sup> 16 Western States: Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Utah, Washington, and Wyoming.

<sup>5</sup> 11 Western States: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

<sup>6</sup> 9 Great Plains States: Colorado, Kansas, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, and Wyoming.

# Prices Paid Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2017-2021

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Commodities, services, interest, taxes, and wage rates (PPITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	105.9	106.4	106.5	106.7	106.8	106.6	106.4	105.7	106.1	106.7	107.0	107.3	106.5
2018 ...	108.2	108.9	108.9	108.6	109.0	108.8	109.0	109.2	109.1	109.7	109.8	110.0	109.1
2019 ...	110.4	110.6	110.7	111.2	110.8	110.4	110.6	109.8	109.5	110.3	110.5	110.8	110.5
2020 ...	110.9	110.6	109.6	108.1	108.0	107.9	108.4	108.5	108.7	109.2	109.8	110.2	109.2
2021 ...	110.6	111.5	112.4	113.3	114.1	115.3	116.6	117.0	117.3	118.4	119.4	120.7	115.6
Year	Items used for production, interest, taxes, and wage rates (PITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	105.6	106.1	106.3	106.4	106.4	106.2	106.0	105.1	105.5	106.3	106.6	107.0	106.1
2018 ...	107.8	108.6	108.6	108.1	108.6	108.3	108.5	108.7	108.6	109.3	109.4	109.8	108.7
2019 ...	110.2	110.3	110.3	110.8	110.3	109.8	110.0	109.1	108.7	109.6	109.9	110.2	109.9
2020 ...	110.3	109.9	108.8	107.2	107.0	106.8	107.3	107.3	107.5	108.1	108.8	109.2	108.2
2021 ...	109.7	110.6	111.5	112.4	113.1	114.4	115.8	116.3	116.5	117.7	118.7	120.2	114.7
Year	Items used for production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	103.9	104.4	104.6	104.9	105.0	104.7	104.5	103.5	103.9	104.6	105.0	105.4	104.5
2018 ...	105.5	106.3	106.3	106.1	106.7	106.3	106.1	106.3	106.2	106.8	107.0	107.4	106.4
2019 ...	107.4	107.5	107.5	108.3	107.7	107.1	107.2	106.2	105.7	106.7	107.0	107.4	107.1
2020 ...	107.6	107.1	105.8	104.1	103.9	103.7	103.8	103.8	104.0	104.5	105.3	105.8	105.0
2021 ...	105.9	107.0	108.1	109.4	110.2	111.7	112.7	113.3	113.6	115.0	116.2	118.0	111.8
Year	Feed												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	96.3	97.3	97.2	96.6	95.9	94.5	95.0	93.5	92.7	93.2	92.3	93.4	94.8
2018 ...	94.2	97.9	99.2	101.2	103.5	102.1	100.9	101.3	98.9	99.0	99.1	100.9	99.9
2019 ...	101.8	102.1	102.7	103.1	103.3	104.4	103.9	103.1	102.4	102.8	102.7	103.3	103.0
2020 ...	103.8	103.5	103.0	102.2	100.4	98.6	98.2	96.8	97.2	99.6	101.8	103.4	100.7
2021 ...	105.6	109.0	110.3	111.8	116.6	117.3	117.4	117.2	114.8	114.1	115.5	117.4	113.9
Year	Livestock & poultry												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	102.0	101.2	103.3	105.4	108.1	108.3	107.7	102.9	106.0	111.7	113.8	113.9	107.0
2018 ...	113.4	114.3	110.7	105.1	103.6	101.9	101.1	101.0	104.2	107.8	105.6	106.4	106.3
2019 ...	106.0	104.9	105.7	111.5	104.9	97.2	98.0	95.2	95.0	99.4	101.6	102.6	101.8
2020 ...	107.3	104.8	98.6	88.9	90.4	90.6	93.1	95.9	97.7	99.5	102.2	103.2	97.7
2021 ...	103.4	105.7	107.3	109.8	103.6	104.9	108.0	109.6	109.4	112.7	112.4	116.7	108.6
Year	Seeds												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	120.8	120.8	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.9
2018 ...	119.7	119.7	118.2	118.2	118.2	118.2	118.2	118.2	118.2	118.2	118.2	118.2	118.5
2019 ...	118.2	118.2	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	116.0
2020 ...	115.6	115.6	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	113.4
2021 ...	112.9	112.9	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1
Year	Fertilizer												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	66.2	68.3	69.5	70.5	69.6	68.3	66.1	63.6	62.3	62.5	63.4	64.3	66.2
2018 ...	64.4	66.1	66.2	66.1	66.4	66.0	65.6	65.6	66.5	68.1	69.3	69.5	66.7
2019 ...	69.8	70.6	70.1	69.6	71.0	70.9	69.9	69.4	69.9	70.3	69.8	70.4	70.1
2020 ...	68.8	70.2	71.8	71.7	71.1	68.8	66.9	65.3	65.1	65.0	64.8	64.7	67.9
2021 ...	65.4	67.0	67.9	70.6	73.6	78.7	81.5	82.0	84.1	90.7	96.9	105.0	80.3
Year	Chemicals												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	102.6	108.7	108.8	107.6	103.3	104.5	101.7	100.8	101.5	100.8	102.7	105.2	104.0
2018 ...	103.3	103.2	106.9	103.7	101.9	101.3	97.9	98.6	94.4	93.1	102.2	101.9	100.7
2019 ...	103.4	102.9	102.3	102.1	102.5	104.4	106.1	98.8	91.9	97.7	99.0	99.4	100.9
2020 ...	98.3	98.5	97.9	97.6	98.6	98.8	98.5	98.1	97.8	96.1	97.8	96.9	97.9
2021 ...	96.2	92.4	95.4	96.7	95.9	99.8	98.3	100.2	101.4	101.7	101.7	101.7	98.5

See footnote(s) at end of table.

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# Prices Paid Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2017-2021 (continued)

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Fuels												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	64.7	64.3	60.9	61.9	60.7	58.2	58.3	61.4	66.9	66.4	68.2	66.7	63.2
2018 ....	66.8	65.4	63.4	67.0	71.5	72.1	73.4	74.7	77.5	78.3	73.5	69.1	71.1
2019 ....	67.0	68.4	71.4	73.1	75.7	72.2	73.9	71.5	73.9	76.5	80.0	79.6	73.6
2020 ....	78.2	75.3	68.0	61.4	61.3	63.2	61.5	59.4	56.4	54.3	52.5	54.1	62.1
2021 ....	56.9	56.7	57.8	56.4	57.8	60.9	63.4	64.0	66.8	71.9	70.8	66.5	62.5
Year	Supplies & repairs												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	106.7	106.7	106.7	107.5	107.7	107.9	108.3	108.3	108.4	108.6	108.6	108.8	107.9
2018 ....	109.1	109.1	109.3	110.4	110.9	111.2	112.0	112.9	113.3	113.7	113.6	113.7	111.6
2019 ....	114.2	114.2	114.3	114.4	114.5	114.5	115.1	115.0	115.0	115.1	115.1	115.1	114.7
2020 ....	115.5	115.8	115.7	116.5	116.5	116.4	116.8	116.7	116.8	117.2	117.2	117.3	116.5
2021 ....	118.1	118.6	119.2	120.4	122.3	125.1	126.7	127.4	127.9	128.6	131.3	131.7	124.8
Year	Autos & trucks												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	107.1	107.1	106.8	106.9	106.7	106.2	105.6	105.3	104.9	104.8	105.0	105.8	106.0
2018 ....	106.1	105.9	105.9	105.5	105.6	105.7	105.6	105.4	105.0	104.9	105.0	105.2	105.5
2019 ....	105.9	106.2	106.6	106.6	106.5	106.2	105.9	105.5	105.1	105.0	105.1	105.5	105.8
2020 ....	106.2	106.6	106.1	106.1	106.2	106.1	106.5	106.2	106.2	106.8	106.9	107.6	106.5
2021 ....	107.8	107.9	107.8	108.4	110.0	111.9	113.6	114.6	115.8	117.6	118.9	120.2	112.9
Year	Machinery												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	117.4	117.6	117.8	117.7	117.6	117.6	117.6	117.5	117.7	117.7	117.9	117.9	117.7
2018 ....	118.2	117.8	117.9	118.1	118.6	118.8	119.8	120.0	120.7	122.0	123.4	124.1	120.0
2019 ....	124.5	125.0	125.0	125.1	123.9	124.6	124.1	123.7	123.3	122.9	122.4	124.1	124.1
2020 ....	124.5	123.6	123.3	123.1	122.8	123.1	122.9	123.0	122.6	123.2	122.7	122.8	123.1
2021 ....	123.0	123.6	124.9	126.1	127.0	128.6	130.7	132.5	136.7	140.4	141.5	144.5	131.6
Year	Building materials												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	108.8	109.3	109.6	110.2	110.2	110.3	110.3	110.7	110.9	111.4	111.6	111.7	110.4
2018 ....	112.6	113.3	114.8	115.3	116.6	117.0	117.2	117.1	117.3	117.3	117.1	117.3	116.1
2019 ....	117.8	118.2	118.0	118.4	118.3	118.0	118.6	118.1	118.0	117.9	117.9	117.9	118.1
2020 ....	118.5	118.8	119.5	118.8	118.8	119.3	120.0	121.6	123.7	123.4	122.8	123.8	120.8
2021 ....	126.5	128.7	131.8	135.4	140.2	143.8	144.1	144.0	144.5	146.5	148.7	151.1	140.4
Year	Services <sup>2</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	111.6	111.7	111.5	111.7	112.1	112.9	113.2	113.2	113.3	112.5	112.4	112.6	112.4
2018 ....	113.5	113.6	113.8	113.8	114.3	114.9	115.1	115.2	115.3	115.1	114.8	114.9	114.5
2019 ....	116.5	116.6	116.3	116.4	116.6	117.4	117.4	117.2	116.9	116.6	116.4	116.2	116.7
2020 ....	116.5	116.3	116.3	116.0	115.6	116.4	116.7	116.7	116.7	116.6	117.2	117.2	116.5
2021 ....	117.2	117.8	118.1	119.0	119.4	119.7	120.0	120.7	121.3	121.2	122.2	122.7	119.9
Year	Rent <sup>2</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8	123.8
2018 ....	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5
2019 ....	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3	116.3
2020 ....	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6
2021 ....	115.4	115.4	115.4	115.4	115.4	115.4	115.4	115.4	115.4	115.4	115.4	115.4	115.4
Year	Ratio (paid/received)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	81	86	88	90	93	92	90	89	87	82	85	86	87
2018 ....	80	83	87	85	87	87	83	83	81	77	80	82	83
2019 ....	78	81	84	85	84	85	82	83	80	78	81	82	82
2020 ....	80	82	85	76	78	81	81	81	82	82	85	83	81
2021 ....	81	85	88	93	93	93	91	93	93	91	92	93	90

See footnote(s) at end of table.

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# Prices Paid Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2017-2021 (continued)

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Interest												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3
2018 ...	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7
2019 ...	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1
2020 ...	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9
2021 ...	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4	101.4
Year	Taxes												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5	115.5
2018 ...	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1
2019 ...	117.9	117.9	117.9	117.9	117.9	117.9	117.9	117.9	117.9	117.9	117.9	117.9	117.9
2020 ...	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7	118.7
2021 ...	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4
Year	Wage rates												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	120.0	120.0	120.0	118.2	118.2	118.2	118.2	118.2	118.2	119.9	119.9	119.9	119.1
2018 ...	125.8	125.8	125.8	122.6	122.6	122.6	127.6	127.6	127.6	129.3	129.3	129.3	126.3
2019 ...	133.7	133.7	133.7	131.5	131.5	131.5	133.2	133.2	133.2	134.2	134.2	134.2	133.2
2020 ...	136.6	136.6	136.6	134.7	134.7	134.7	139.6	139.6	139.6	141.8	141.8	141.8	138.2
2021 ...	144.9	144.9	144.9	142.7	142.7	142.7	148.3	148.3	148.3	148.3	148.3	148.3	146.1
Year	Family living												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	108.0	108.3	108.4	108.7	108.8	108.9	108.8	109.2	109.7	109.7	109.7	109.6	109.0
2018 ...	110.2	110.7	111.0	111.4	111.9	112.0	112.1	112.1	112.2	112.4	112.1	111.7	111.7
2019 ...	111.9	112.4	113.0	113.6	113.9	113.9	114.1	114.1	114.2	114.4	114.4	114.3	113.7
2020 ...	114.7	115.0	114.8	114.0	114.0	114.6	115.2	115.6	115.7	115.8	115.7	115.8	115.1
2021 ...	116.3	116.9	117.8	118.7	119.7	120.8	121.4	121.6	122.0	123.0	123.6	124.0	120.5
Year	Production items with farm origin <sup>3</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	102.6	102.8	103.4	103.8	104.5	103.9	103.9	101.5	102.2	104.5	104.8	105.4	103.6
2018 ...	105.1	107.2	106.5	105.7	106.4	105.2	104.4	104.6	104.3	105.5	104.8	106.0	105.5
2019 ...	106.4	106.3	106.3	108.4	106.3	104.3	104.3	103.0	102.7	104.3	105.0	105.5	105.2
2020 ...	107.1	106.2	103.4	99.8	99.4	98.6	99.2	99.5	100.3	102.0	104.0	105.1	102.1
2021 ...	106.2	108.6	109.8	111.4	111.6	112.4	113.5	113.9	112.7	113.4	114.0	116.4	112.0
Year	Production items with non-farm origin <sup>4</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	104.6	105.4	105.4	105.7	105.3	105.3	104.9	104.7	104.9	104.7	105.1	105.4	105.1
2018 ...	105.7	105.8	106.2	106.3	106.8	107.0	107.0	107.3	107.3	107.6	108.3	108.2	107.0
2019 ...	107.9	108.2	108.2	108.3	108.6	108.7	108.9	108.0	107.5	108.0	108.2	108.4	108.2
2020 ...	107.8	107.7	107.3	106.8	106.6	106.8	106.6	106.4	106.3	106.1	106.1	106.3	106.7
2021 ...	105.7	106.0	107.0	108.1	109.3	111.3	112.2	113.0	114.2	116.0	117.6	118.9	111.6
Year	Crop sector (PPITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	107.7	108.3	108.3	108.3	108.1	108.1	107.7	107.5	107.7	107.8	108.1	108.4	108.0
2018 ...	109.4	109.6	109.8	109.5	109.8	109.8	110.2	110.3	110.4	110.8	111.2	111.2	110.2
2019 ...	111.6	111.7	111.6	111.6	111.7	111.8	112.1	111.4	111.0	111.6	111.7	111.9	111.6
2020 ...	111.5	111.5	111.0	110.3	110.2	110.3	110.7	110.6	110.5	110.6	110.7	110.8	110.7
2021 ...	110.9	111.1	111.9	112.4	113.2	114.6	115.8	116.3	117.1	118.4	119.4	120.4	115.1
Year	Livestock Sector (PPITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	104.1	104.3	104.7	105.0	105.3	105.0	105.0	103.8	104.3	105.6	105.8	106.2	104.9
2018 ...	106.8	108.0	107.9	107.6	108.2	107.7	107.6	107.8	107.7	108.5	108.2	108.7	107.9
2019 ...	109.2	109.3	109.7	110.8	109.8	108.8	109.0	108.1	107.9	108.9	109.3	109.6	109.2
2020 ...	110.2	109.7	108.3	105.9	105.7	105.5	106.1	106.3	106.7	107.7	108.8	109.5	107.5
2021 ...	110.3	111.9	112.9	114.2	114.9	116.1	117.3	117.8	117.5	118.5	119.4	121.0	116.0

<sup>1</sup> Weighted index using 5-year average production expenditures

<sup>2</sup> For the 2011=100 base period, the Services & Rent Index is separated.

<sup>3</sup> Feed, livestock & poultry purchases, and seed.

<sup>4</sup> Fertilizer, agricultural chemicals, fuels, supplies & repairs, autos & trucks, machinery, building materials, and services & rent.

# Prices Paid Index Sub-Components as a Percent of 2011 Base, Monthly and Annual Average – United States: 2017-2021

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Feed grains												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	56.6	57.5	58.0	57.1	58.0	58.0	59.8	56.2	55.8	55.3	53.9	55.1	56.8
2018 ....	56.5	57.8	59.5	60.7	62.2	62.0	59.9	57.9	58.1	57.8	57.7	59.6	59.1
2019 ....	59.9	60.7	60.9	59.4	61.2	67.1	70.0	65.2	63.5	64.1	61.7	62.0	63.0
2020 ....	63.2	63.1	61.9	56.5	55.6	55.6	57.2	54.6	59.7	63.4	66.9	69.5	60.6
2021 ....	73.9	83.1	84.8	91.6	100.4	101.1	101.6	103.8	91.7	85.8	90.1	94.0	91.8
Year	Complete feeds												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	104.3	104.5	104.5	103.9	103.1	102.4	102.2	101.5	100.9	101.0	100.8	102.1	102.6
2018 ....	103.7	105.0	105.6	106.1	107.9	107.9	106.0	106.1	104.4	103.7	104.0	104.9	105.4
2019 ....	106.2	106.0	106.3	106.6	106.1	107.3	108.1	108.3	108.1	108.0	108.4	109.0	107.4
2020 ....	109.8	109.5	109.1	109.3	106.6	104.3	103.3	101.9	101.9	103.6	106.3	108.3	106.2
2021 ....	110.2	113.1	114.7	115.5	119.8	121.5	120.9	119.5	119.0	118.2	119.7	121.9	117.8
Year	Hay & forages												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	82.1	83.5	87.8	94.7	94.6	93.3	92.3	89.6	89.0	91.9	90.6	90.9	90.0
2018 ....	93.2	93.9	97.8	104.1	106.9	103.8	104.0	104.9	106.2	105.8	106.0	109.8	103.0
2019 ....	111.0	112.4	114.8	120.3	119.7	114.0	107.3	104.3	102.1	104.3	104.3	104.1	109.9
2020 ....	103.4	104.0	103.5	104.0	104.6	102.0	103.1	103.1	98.8	102.1	101.0	101.0	102.6
2021 ....	101.7	104.7	107.8	109.6	113.1	114.9	119.1	121.2	120.0	121.4	121.0	121.7	114.7
Year	Concentrates												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	108.1	113.5	109.5	103.1	102.5	96.6	99.2	98.4	96.3	96.2	93.1	93.7	100.9
2018 ....	89.8	107.4	109.0	113.9	118.9	115.0	115.0	117.4	106.3	109.9	108.7	110.9	110.2
2019 ....	111.6	113.1	113.8	113.3	113.7	115.6	112.5	114.4	113.3	113.9	113.8	115.1	113.7
2020 ....	116.0	116.0	115.6	115.6	115.0	113.5	112.0	110.7	111.0	113.9	117.0	117.6	114.5
2021 ....	119.6	120.0	118.3	118.0	119.1	117.0	114.8	113.9	112.6	111.6	111.7	112.5	115.8
Year	Supplements												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	115.9	112.3	112.7	111.6	108.2	108.1	108.8	107.3	106.3	108.3	108.9	111.6	110.0
2018 ....	112.4	113.1	112.7	113.2	113.7	110.0	109.5	112.3	111.3	110.9	112.5	115.8	112.3
2019 ....	114.6	114.3	114.3	112.8	115.1	116.3	115.3	114.0	115.8	115.6	116.2	117.3	115.1
2020 ....	115.4	112.4	113.3	111.2	107.2	106.1	104.7	103.3	105.7	107.2	107.8	109.8	108.7
2021 ....	113.0	115.2	117.0	116.7	125.6	124.8	126.0	126.7	125.9	132.2	133.3	134.3	124.2
Year	Feeder Cattle												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	98.2	96.2	98.4	103.7	108.4	109.2	108.4	104.4	108.7	114.7	115.5	112.6	106.5
2018 ....	110.8	111.6	108.0	104.2	103.9	104.8	106.6	107.7	110.4	113.4	109.7	106.6	108.1
2019 ....	106.8	105.8	105.8	108.9	102.8	97.4	99.7	98.5	97.8	102.2	104.5	104.1	102.9
2020 ....	107.8	105.6	99.0	92.2	94.9	96.0	98.7	101.5	100.8	101.0	103.9	103.4	100.4
2021 ....	101.8	102.8	102.5	104.8	99.8	103.6	109.0	111.1	109.5	113.1	113.3	117.6	107.4
Year	Feeder pigs												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	119.3	128.6	133.6	106.4	95.0	90.0	90.7	70.7	66.4	80.7	100.0	129.3	100.9
2018 ....	145.7	150.0	140.7	117.9	102.1	72.9	47.9	35.7	50.0	71.4	79.3	120.0	94.5
2019 ....	125.0	121.4	132.1	173.6	150.7	106.4	87.9	65.0	69.3	75.7	80.7	97.1	107.1
2020 ....	114.3	103.6	90.7	40.0	32.1	23.6	24.3	32.1	61.4	79.3	85.7	102.1	65.8
2021 ....	120.0	138.6	161.4	173.6	145.0	124.3	110.0	110.0	123.6	126.4	121.4	133.6	132.3
Year	Milk cow replacements												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	114.1	114.1	114.1	115.5	115.5	115.5	114.1	114.1	114.1	113.4	113.4	113.4	114.3
2018 ....	107.0	107.0	107.0	95.8	95.8	95.8	93.0	93.0	93.0	86.6	86.6	86.6	95.6
2019 ....	80.3	80.3	80.3	80.3	80.3	80.3	86.6	86.6	86.6	92.3	92.3	92.3	84.9
2020 ....	91.5	91.5	91.5	88.0	88.0	88.0	92.3	92.3	92.3	94.4	94.4	94.4	91.6
2021 ....	95.8	95.8	95.8	92.3	92.3	92.3	92.3	92.3	92.3	94.4	94.4	94.4	93.7

See footnote(s) at end of table.

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# **Prices Paid Index Sub-Components as a Percent of 2011 Base, Monthly and Annual Average – United States: 2017-2021 (continued)**

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Poultry												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9
2018 ...	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9
2019 ...	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3
2020 ...	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1
2021 ...	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1
Year	Field crop seeds												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	120.4	120.4	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.4
2018 ...	119.2	119.2	116.9	116.9	116.9	116.9	116.9	116.9	116.9	116.9	116.9	116.9	117.3
2019 ...	116.9	116.9	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.5
2020 ...	114.0	114.0	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	112.0
2021 ...	111.6	111.6	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.3
Year	Grass & legume seeds												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	124.0	124.0	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	125.1	124.9
2018 ...	125.1	125.1	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	130.0
2019 ...	131.0	131.0	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.7
2020 ...	131.8	131.8	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	126.5
2021 ...	125.4	125.4	119.8	119.8	119.8	119.8	119.8	119.8	119.8	119.8	119.8	119.8	120.7
Year	Mixed fertilizer												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	67.5	67.8	67.1	67.6	67.1	65.9	66.1	66.6	65.9	65.8	65.4	65.5	66.5
2018 ...	65.5	66.0	66.4	66.3	67.7	67.4	68.1	68.2	69.1	69.8	70.7	70.6	68.0
2019 ...	71.8	71.4	71.1	71.6	71.5	71.9	70.6	70.7	71.3	71.2	71.1	71.4	71.3
2020 ...	70.6	70.4	71.5	69.9	69.9	68.5	67.5	66.3	66.3	65.6	66.3	66.1	68.2
2021 ...	65.1	65.8	65.9	67.1	68.7	70.7	73.7	75.7	77.5	78.7	81.6	85.4	73.0
Year	Nitrogen												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	64.4	69.1	72.0	73.5	72.1	71.1	67.1	61.3	59.3	60.1	62.8	65.1	66.5
2018 ...	64.8	67.9	67.6	67.5	66.8	65.8	63.9	64.0	64.6	67.1	68.8	69.3	66.5
2019 ...	69.2	71.6	70.8	70.2	72.5	72.1	71.9	70.2	70.6	72.3	72.4	72.5	71.4
2020 ...	69.2	72.5	73.5	75.5	74.1	70.6	68.3	66.2	65.7	65.9	64.5	64.6	69.2
2021 ...	66.9	69.5	69.9	73.9	76.7	85.7	87.9	86.3	88.4	101.9	112.0	126.0	87.1
Year	Potash & phosphate												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	67.2	67.5	69.4	70.7	69.8	67.1	63.4	61.1	60.4	59.3	59.1	58.3	64.4
2018 ...	59.7	61.1	61.6	61.6	61.3	62.1	63.0	62.3	64.2	65.8	66.1	66.3	62.9
2019 ...	65.6	64.9	65.1	61.7	64.4	64.3	61.8	63.3	63.4	61.5	58.0	61.4	63.0
2020 ...	61.8	63.0	67.4	65.6	66.1	64.4	60.9	59.7	59.8	60.1	60.8	60.4	62.5
2021 ...	61.6	63.6	68.1	71.8	79.5	82.5	86.9	88.5	91.8	94.6	99.6	103.3	82.7
Year	Herbicides												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	104.9	111.1	111.3	110.1	105.7	106.9	104.0	103.1	103.8	103.0	105.0	107.5	106.4
2018 ...	105.5	105.4	109.2	104.4	102.6	102.0	98.5	99.2	95.0	93.7	102.8	102.5	101.7
2019 ...	104.0	103.5	102.9	102.6	103.3	105.3	107.2	99.9	93.0	99.0	100.3	100.8	101.8
2020 ...	99.8	100.1	99.6	99.3	100.2	100.3	99.9	99.5	99.1	97.4	99.1	98.0	99.4
2021 ...	97.3	93.4	96.4	97.7	96.9	100.9	99.3	101.3	102.4	102.8	102.8	102.8	99.5
Year	Insecticides												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	102.1	108.1	108.1	106.8	102.5	103.6	100.7	99.8	100.4	99.6	101.5	103.8	103.1
2018 ...	101.8	101.7	105.2	104.9	103.0	102.3	98.7	99.3	95.1	93.6	102.7	102.2	100.9
2019 ...	103.7	103.1	102.3	102.1	101.5	102.9	104.1	96.4	89.2	94.4	95.1	95.1	99.2
2020 ...	93.5	93.2	92.2	92.3	93.4	93.9	93.8	93.8	93.7	92.4	94.3	93.7	93.4
2021 ...	93.4	89.9	93.2	94.4	93.6	97.5	95.9	97.9	98.9	99.3	99.3	99.3	96.1

See footnote(s) at end of table.

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# Prices Paid Index Sub-Components as a Percent of 2011 Base, Monthly and Annual Average – United States: 2017-2021 (continued)

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Fungicides & other												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	93.6	99.1	99.1	97.6	93.9	95.2	92.8	92.2	93.0	92.5	94.6	97.0	95.1
2018 ....	95.5	95.6	99.3	98.7	97.2	96.8	93.7	94.5	90.8	89.7	98.6	98.5	95.7
2019 ....	100.2	100.0	99.5	99.3	100.6	102.8	104.9	98.1	91.6	97.7	99.4	100.1	99.5
2020 ....	99.4	99.9	99.7	99.2	100.0	100.0	99.4	98.9	98.3	96.4	97.9	96.8	98.8
2021 ....	95.9	91.9	94.7	96.0	95.1	99.1	97.5	99.5	100.6	100.9	100.9	100.9	97.8
Year	Diesel												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	57.8	57.5	57.1	57.3	56.4	54.9	54.1	55.8	59.4	59.2	61.1	60.6	57.6
2018 ....	62.4	62.4	60.7	63.6	67.0	68.3	68.6	69.0	70.7	73.6	73.0	69.7	67.4
2019 ....	67.2	68.3	70.8	71.8	73.5	72.2	71.5	70.9	71.5	72.8	73.5	73.5	71.5
2020 ....	73.7	70.8	66.7	59.3	55.3	54.1	53.1	51.5	49.6	47.5	46.8	48.1	56.4
2021 ....	48.1	49.2	52.5	52.1	53.5	54.7	55.6	55.8	56.3	60.1	62.0	60.6	55.0
Year	Gasoline												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	64.2	63.0	63.5	65.5	64.5	63.0	61.4	63.1	69.4	65.5	66.5	64.0	64.5
2018 ....	65.4	65.9	65.5	70.2	73.8	74.1	73.8	74.2	75.0	76.5	71.8	65.1	70.9
2019 ....	62.5	64.6	70.7	78.5	81.5	78.2	79.3	76.6	76.4	78.2	77.8	77.0	75.1
2020 ....	77.2	74.7	69.2	56.1	55.3	59.5	60.6	58.8	57.1	54.8	51.9	52.2	60.6
2021 ....	53.4	55.1	59.6	60.6	63.2	64.9	66.4	66.9	67.2	69.5	71.7	70.0	64.0
Year	LP Gas												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	91.0	91.3	71.6	74.2	71.7	64.8	69.6	79.9	91.6	94.4	96.8	92.4	82.4
2018 ....	85.0	76.1	70.9	75.4	85.7	83.8	91.0	96.2	106.2	98.0	77.5	71.6	84.8
2019 ....	71.5	73.5	74.4	71.3	77.0	64.9	75.9	67.6	79.8	88.3	106.9	105.0	79.7
2020 ....	95.9	93.0	71.6	75.8	90.9	101.4	93.7	89.6	80.9	78.8	74.2	78.9	85.4
2021 ....	94.0	86.2	75.2	67.1	66.6	78.7	88.9	90.9	105.3	118.6	102.1	84.3	88.2
Year	Supplies												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	106.6	106.7	106.9	107.0	107.2	107.6	107.8	107.9	108.1	108.1	108.3	108.8	107.6
2018 ....	109.3	109.5	109.9	110.5	110.7	111.2	111.7	112.6	113.3	113.5	113.3	113.5	111.6
2019 ....	114.6	114.8	114.8	114.8	115.3	115.8	116.1	116.1	115.9	115.9	116.0	116.1	115.5
2020 ....	116.3	116.6	116.5	117.3	117.1	117.3	117.3	117.4	117.8	118.3	118.4	118.7	117.4
2021 ....	119.5	120.2	121.5	123.5	126.2	128.4	131.0	131.4	131.5	132.4	132.3	132.8	127.6
Year	Repairs												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	106.7	106.7	106.7	107.8	108.0	108.0	108.5	108.5	108.5	108.8	108.8	108.8	108.0
2018 ....	109.0	108.9	109.0	110.3	111.0	111.2	112.2	113.1	113.3	113.8	113.8	113.8	111.6
2019 ....	114.0	113.9	114.0	114.2	114.0	113.9	114.6	114.4	114.5	114.7	114.7	114.7	114.3
2020 ....	115.1	115.4	115.3	116.1	116.2	116.0	116.6	116.4	116.4	116.7	116.6	116.6	116.1
2021 ....	117.4	117.8	118.0	118.8	120.3	123.5	124.5	125.4	126.1	126.7	130.8	131.1	123.4
Year	Autos												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	102.0	102.1	101.7	101.6	101.2	100.6	99.6	99.2	98.6	98.5	99.0	99.7	100.3
2018 ....	100.1	100.0	99.9	99.5	99.8	100.0	100.0	99.7	99.7	99.6	99.8	99.9	99.8
2019 ....	100.5	100.6	100.9	100.9	100.9	100.8	100.6	100.3	99.8	99.8	99.8	100.1	100.4
2020 ....	100.8	101.4	100.9	100.6	100.7	100.9	101.5	101.3	101.3	101.5	101.5	102.2	101.2
2021 ....	102.5	102.7	102.2	102.3	103.9	105.7	107.3	108.5	109.4	110.8	112.5	114.4	106.9
Year	Trucks												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	107.9	107.8	107.6	107.7	107.6	107.0	106.4	106.2	105.8	105.8	105.9	106.7	106.9
2018 ....	107.0	106.8	106.8	106.3	106.5	106.6	106.5	106.2	105.8	105.7	105.8	106.0	106.3
2019 ....	106.8	107.0	107.5	107.5	107.3	107.0	106.7	106.3	105.9	105.8	105.9	106.4	106.7
2020 ....	107.0	107.3	106.9	106.9	107.1	106.8	107.3	107.0	106.9	107.6	107.7	108.4	107.2
2021 ....	108.6	108.7	108.7	109.3	110.9	112.9	114.6	115.5	116.7	118.6	119.8	121.1	113.8

See footnote(s) at end of table.

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# Prices Paid Index Sub-Components as a Percent of 2011 Base, Monthly and Annual Average – United States: 2017-2021 (continued)

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Tractors												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	112.6	112.7	112.8	112.8	112.6	112.8	112.7	112.5	112.2	112.0	112.9	112.7	112.6
2018 ...	112.5	112.3	112.1	111.6	111.1	110.7	110.2	109.6	109.1	108.5	111.5	111.0	110.9
2019 ...	110.4	109.9	109.3	109.3	109.8	110.0	110.2	110.4	110.7	110.9	111.1	111.4	110.3
2020 ...	111.6	111.8	112.0	111.9	111.9	112.5	111.5	111.4	111.2	112.2	111.3	111.6	111.7
2021 ...	112.3	113.0	114.3	114.7	116.3	117.4	119.5	121.2	124.9	128.2	129.6	132.3	120.3
Year	Self-propelled												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	120.5	120.6	120.8	120.6	120.4	120.3	120.3	120.3	121.0	121.0	120.9	120.8	120.6
2018 ...	120.8	120.7	120.6	121.0	121.4	121.8	123.7	124.0	125.4	128.1	129.5	129.9	123.9
2019 ...	130.3	130.7	131.0	131.0	128.8	127.9	127.0	126.3	125.3	124.3	123.7	128.2	127.9
2020 ...	129.5	127.5	126.4	125.7	125.2	124.6	124.1	123.6	123.0	123.7	123.6	123.0	125.0
2021 ...	122.5	121.8	121.5	121.6	121.6	121.9	123.2	123.2	126.2	129.6	129.6	132.9	124.6
Year	Other machinery												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	116.9	117.3	117.6	117.5	117.5	117.6	117.6	117.4	117.5	117.5	117.6	117.8	117.5
2018 ...	118.8	117.9	118.3	118.8	119.9	120.4	121.3	121.8	122.5	123.3	123.8	125.5	121.0
2019 ...	126.5	127.7	127.8	127.8	127.0	129.5	129.1	128.8	128.6	128.4	127.4	127.2	128.0
2020 ...	126.7	126.3	126.5	126.8	126.7	127.6	128.2	129.1	128.9	129.0	128.3	129.0	127.8
2021 ...	129.9	131.7	134.5	137.4	139.0	142.0	145.0	148.9	154.6	158.8	161.0	163.7	145.5
Year	Custom rates												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3	114.3
2018 ...	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3
2019 ...	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4
2020 ...	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6
2021 ...	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7
Year	Other services												
	January	February	March	April	May	June	July	August	September	October	November	December	Average <sup>1</sup>
2017 ...	111.3	111.4	111.2	111.5	111.9	112.8	113.1	113.1	113.2	112.3	112.2	112.4	112.2
2018 ...	113.5	113.7	113.9	113.8	114.4	115.1	115.3	115.4	115.5	115.3	115.0	115.1	114.7
2019 ...	116.3	116.4	116.1	116.1	116.4	117.3	117.3	117.1	116.7	116.4	116.2	116.0	116.5
2020 ...	116.1	115.9	115.9	115.6	115.1	116.0	116.4	116.3	116.4	116.3	116.9	117.0	116.2
2021 ...	117.5	118.2	118.5	119.4	119.9	120.2	120.6	121.4	122.1	121.9	123.1	123.7	120.5
Year	Cash rent												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4	130.4
2018 ...	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0
2019 ...	123.0	123.0	123.0	123.0	123.0	123.0	123.0	123.0	123.0	123.0	123.0	123.0	123.0
2020 ...	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5
2021 ...	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1
Year	Share rent												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1
2018 ...	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8
2019 ...	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6
2020 ...	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7
2021 ...	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5

<sup>1</sup> Weighted index using 5-year average production expenditures.

# Prices Paid Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2017-2021

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Commodities, services, interest, taxes, and wage rates (PPITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	2867	2879	2883	2888	2889	2885	2879	2860	2870	2888	2896	2904	2882
2018 ....	2927	2947	2947	2938	2951	2945	2949	2954	2954	2969	2972	2978	2953
2019 ....	2989	2992	2995	3009	2999	2987	2993	2972	2963	2985	2991	2998	2989
2020 ....	3001	2993	2967	2927	2922	2921	2935	2935	2941	2955	2971	2981	2954
2021 ....	2993	3018	3042	3067	3087	3122	3154	3167	3174	3206	3231	3267	3127
Year	Items used for production, interest, taxes, and wage rates (PITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	2978	2992	2997	3001	3001	2996	2990	2965	2975	2997	3006	3016	2993
2018 ....	3041	3062	3062	3049	3062	3055	3059	3065	3064	3082	3086	3095	3065
2019 ....	3107	3109	3110	3125	3111	3096	3102	3077	3067	3092	3100	3108	3100
2020 ....	3109	3099	3068	3023	3017	3012	3027	3026	3032	3049	3068	3080	3051
2021 ....	3093	3120	3145	3170	3191	3227	3264	3279	3286	3319	3348	3390	3236
Year	Items used for production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	2162	2174	2178	2185	2185	2180	2175	2154	2162	2178	2186	2194	2176
2018 ....	2195	2214	2213	2209	2220	2214	2208	2212	2211	2224	2227	2235	2215
2019 ....	2235	2237	2237	2255	2242	2229	2232	2210	2200	2220	2227	2235	2230
2020 ....	2239	2230	2203	2168	2163	2159	2161	2160	2166	2176	2192	2203	2185
2021 ....	2204	2228	2249	2276	2294	2326	2346	2359	2365	2394	2419	2455	2326
Year	Feed												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	1061	1072	1071	1064	1057	1041	1046	1031	1021	1027	1017	1030	1045
2018 ....	1038	1079	1093	1115	1140	1125	1112	1117	1089	1090	1092	1112	1100
2019 ....	1121	1125	1132	1136	1139	1151	1144	1136	1129	1133	1132	1138	1135
2020 ....	1143	1140	1135	1127	1107	1087	1082	1066	1071	1097	1122	1140	1110
2021 ....	1164	1201	1215	1232	1284	1292	1293	1291	1265	1257	1273	1294	1255
Year	Livestock & poultry												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	2014	1998	2040	2080	2135	2138	2126	2032	2092	2205	2247	2249	2113
2018 ....	2238	2257	2186	2074	2045	2012	1996	1995	2058	2128	2084	2100	2098
2019 ....	2092	2071	2087	2201	2071	1918	1934	1879	1876	1963	2006	2025	2010
2020 ....	2118	2069	1946	1755	1784	1789	1838	1894	1929	1964	2018	2037	1928
2021 ....	2042	2088	2119	2167	2046	2070	2132	2164	2160	2224	2219	2304	2144
Year	Seeds												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	3969	3969	3934	3934	3934	3934	3934	3934	3934	3934	3934	3934	3940
2018 ....	3934	3934	3885	3885	3885	3885	3885	3885	3885	3885	3885	3885	3893
2019 ....	3885	3885	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3814
2020 ....	3800	3800	3711	3711	3711	3711	3711	3711	3711	3711	3711	3711	3725
2021 ....	3711	3711	3718	3718	3718	3718	3718	3718	3718	3718	3718	3718	3717
Year	Fertilizer												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	797	823	836	849	838	822	796	766	751	752	764	775	797
2018 ....	775	796	797	796	800	794	790	790	801	820	834	836	803
2019 ....	841	850	844	838	854	854	842	836	841	846	840	848	845
2020 ....	828	845	864	863	856	829	806	787	784	782	780	779	817
2021 ....	787	807	817	850	886	947	981	987	1012	1092	1167	1264	967
Year	Chemicals												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	922	976	977	966	928	939	913	905	912	905	923	945	934
2018 ....	927	926	960	931	915	910	879	885	848	836	918	915	904
2019 ....	929	924	918	916	921	938	953	887	825	878	889	893	906
2020 ....	883	884	879	877	886	887	884	881	878	863	878	870	879
2021 ....	864	830	857	868	861	897	882	900	910	913	913	913	884

See footnote(s) at end of table.

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# Prices Paid Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2017-2021 (continued)

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Fuels												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	1810	1799	1704	1731	1697	1629	1630	1717	1872	1858	1909	1865	1768
2018 ...	1869	1831	1775	1874	2001	2017	2055	2088	2169	2191	2055	1932	1988
2019 ...	1873	1913	1996	2045	2119	2020	2066	2001	2069	2140	2239	2226	2059
2020 ...	2187	2107	1903	1717	1715	1768	1721	1662	1579	1519	1468	1513	1738
2021 ...	1592	1585	1616	1578	1616	1703	1775	1790	1870	2012	1981	1861	1748
Year	Supplies & repairs												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	1258	1258	1259	1269	1271	1272	1277	1277	1278	1281	1281	1283	1272
2018 ...	1287	1287	1290	1302	1308	1312	1321	1332	1336	1341	1340	1341	1316
2019 ...	1347	1347	1348	1349	1350	1351	1358	1356	1356	1358	1358	1358	1353
2020 ...	1362	1366	1365	1374	1374	1373	1378	1377	1378	1383	1382	1384	1375
2021 ...	1393	1399	1406	1420	1442	1476	1495	1503	1509	1517	1549	1553	1472
Year	Autos & trucks												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	3292	3292	3284	3286	3281	3264	3244	3237	3224	3222	3229	3252	3259
2018 ...	3261	3255	3255	3241	3246	3250	3247	3239	3227	3223	3229	3235	3242
2019 ...	3256	3263	3276	3278	3273	3263	3256	3242	3231	3228	3230	3244	3253
2020 ...	3264	3275	3261	3261	3265	3260	3274	3265	3265	3283	3286	3308	3272
2021 ...	3314	3316	3314	3332	3381	3441	3492	3523	3559	3613	3654	3694	3470
Year	Machinery												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	7174	7187	7199	7192	7186	7188	7187	7180	7195	7193	7203	7203	7190
2018 ...	7225	7197	7203	7217	7245	7261	7320	7334	7376	7453	7539	7581	7329
2019 ...	7607	7636	7640	7647	7574	7612	7583	7562	7537	7513	7477	7586	7581
2020 ...	7606	7553	7535	7522	7507	7522	7509	7517	7494	7526	7497	7503	7524
2021 ...	7519	7554	7630	7703	7763	7856	7985	8098	8354	8580	8649	8829	8043
Year	Building materials												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	2531	2542	2549	2562	2565	2567	2566	2576	2580	2591	2596	2599	2569
2018 ...	2620	2637	2671	2683	2712	2722	2726	2724	2729	2729	2723	2730	2700
2019 ...	2741	2749	2746	2754	2752	2746	2758	2747	2745	2742	2742	2742	2747
2020 ...	2756	2764	2780	2765	2764	2775	2791	2829	2877	2870	2858	2879	2809
2021 ...	2942	2993	3065	3149	3262	3345	3352	3349	3362	3407	3460	3514	3267
Year	Services & rent												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ...	2475	2477	2474	2478	2482	2492	2496	2496	2497	2487	2486	2488	2486
2018 ...	2460	2462	2464	2464	2471	2478	2481	2482	2483	2481	2477	2479	2473
2019 ...	2472	2474	2470	2471	2474	2485	2485	2481	2477	2474	2472	2469	2475
2020 ...	2483	2481	2480	2477	2470	2482	2486	2485	2486	2484	2492	2493	2483
2021 ...	2475	2483	2487	2498	2504	2508	2512	2522	2530	2528	2542	2549	2512

See footnote(s) at end of table.

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# Prices Paid Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2017-2021 (continued)

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Interest												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948	3948
2018 ....	4183	4183	4183	4183	4183	4183	4183	4183	4183	4183	4183	4183	4183
2019 ....	4196	4196	4196	4196	4196	4196	4196	4196	4196	4196	4196	4196	4196
2020 ....	3678	3678	3678	3678	3678	3678	3678	3678	3678	3678	3678	3678	3679
2021 ....	3696	3696	3696	3696	3696	3696	3696	3696	3696	3696	3696	3696	3696
Year	Taxes												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	6856	6856	6856	6856	6856	6856	6856	6856	6856	6856	6856	6856	6856
2018 ....	6952	6952	6952	6952	6952	6952	6952	6952	6952	6952	6952	6952	6952
2019 ....	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000
2020 ....	7047	7047	7047	7047	7047	7047	7047	7047	7047	7047	7047	7047	7048
2021 ....	7143	7143	7143	7143	7143	7143	7143	7143	7143	7143	7143	7143	7143
Year	Wage rates												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	8594	8594	8594	8466	8466	8466	8466	8466	8466	8588	8588	8588	8529
2018 ....	9010	9010	9010	8780	8780	8780	9138	9138	9138	9260	9260	9260	9047
2019 ....	9573	9573	9573	9413	9413	9413	9541	9541	9541	9612	9612	9612	9535
2020 ....	9778	9778	9778	9644	9644	9644	9996	9996	9996	10156	10156	10156	9893
2021 ....	10373	10373	10373	10220	10220	10220	10617	10617	10617	10617	10617	10617	10457
Year	Family living												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	2307	2314	2316	2323	2325	2327	2325	2332	2345	2343	2343	2342	2328
2018 ....	2355	2365	2371	2380	2390	2394	2394	2395	2398	2402	2394	2387	2385
2019 ....	2391	2401	2415	2428	2433	2433	2437	2437	2439	2445	2443	2441	2429
2020 ....	2451	2457	2452	2436	2436	2449	2461	2469	2472	2474	2472	2474	2459
2021 ....	2485	2498	2516	2537	2557	2581	2593	2599	2606	2627	2640	2648	2574
Year	Commodities, services, interest, taxes, and wage rates Adjusted for productivity												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	1500	1503	1504	1498	1498	1497	1496	1494	1497	1507	1508	1509	1501
2018 ....	1621	1625	1626	1610	1613	1612	1637	1638	1638	1649	1649	1649	1631
2019 ....	1682	1683	1685	1678	1677	1675	1685	1682	1681	1690	1691	1691	1684
2020 ....	1702	1702	1697	1680	1679	1680	1708	1709	1710	1724	1726	1728	1704
2021 ....	1757	1763	1768	1764	1769	1777	1811	1814	1816	1823	1828	1835	1794
Year	Parity ratio <sup>2</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	31	33	34	34	36	35	34	34	33	31	33	33	33
2018 ....	30	32	33	33	33	33	32	31	31	30	31	31	32
2019 ....	30	31	32	32	32	32	31	32	31	30	31	31	31
2020 ....	31	31	32	29	30	31	30	31	31	31	32	31	31
2021 ....	31	33	33	35	36	36	35	36	35	34	35	36	34
Year	Adjusted parity ratio (PPITW) <sup>3</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2017 ....	32	34	35	35	37	36	35	35	34	32	34	34	34
2018 ....	31	33	34	34	34	34	33	32	32	31	32	32	33
2019 ....	32	33	34	34	34	34	33	34	33	32	33	33	33
2020 ....	35	35	36	33	34	35	34	35	35	35	36	35	35
2021 ....	33	35	35	37	38	38	37	38	37	36	37	38	37

<sup>1</sup> Weighted index using 5-year average production expenditures.

<sup>2</sup> Ratio of index of prices received to index of prices paid for commodities, services, interest, taxes, and wage rates.

<sup>3</sup> Ratio of the index of prices received after adjustment for government payments to the index of prices paid for commodities, services, interest, taxes, and wage rates.

## Feed Ratios Monthly and Annual Average – United States: 2017-2022

[Annual average is a simple average of monthly ratios, January through December]

Year	Broiler <sup>1</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2017	4.7	4.6	5.3	5.7	6.6	6.7	6.1	5.5	5.1	4.9	5.0	5.1	5.4
2018	5.3	5.1	5.7	6.1	6.7	7.0	6.7	5.2	4.8	4.8	5.2	5.3	5.7
2019	5.8	5.1	5.3	5.8	6.1	5.4	4.8	4.3	4.0	4.1	4.1	4.5	4.9
2020	4.9	4.2	4.4	2.4	3.8	4.0	3.7	3.3	2.9	3.0	3.5	3.8	3.7
2021	3.6	3.2	3.1	3.6	3.6	3.7	3.6	3.7	4.2	4.3	4.3	5.2	3.7
Year	Market Egg <sup>2</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2017	6.7	4.3	6.4	4.4	4.2	4.5	6.8	6.1	10.9	8.3	15.3	14.4	7.7
2018	11.6	12.8	22.1	11.2	6.8	9.3	10.5	11.0	8.6	8.5	11.7	11.7	11.3
2019	9.5	8.3	7.6	4.6	2.3	5.1	2.5	7.6	5.0	4.7	13.0	8.3	6.5
2020	5.6	7.4	18.7	10.1	6.3	5.5	6.1	6.3	6.6	8.5	7.7	4.6	7.8
2021	6.6	6.3	7.5	4.4	3.7	3.6	4.1	5.8	6.2	5.3	7.0	9.3	5.5
Year	Turkey <sup>3</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2017	7.6	7.3	7.5	7.5	7.7	7.4	7.3	7.2	6.9	7.1	6.5	6.0	7.2
2018	5.7	5.5	5.2	5.2	5.1	5.3	5.7	5.8	5.9	5.7	6.0	5.5	5.5
2019	5.6	5.8	5.9	6.3	6.1	6.1	6.2	6.6	7.0	7.0	7.5	6.9	6.4
2020	6.7	7.0	7.4	7.9	8.3	8.5	8.7	8.7	8.6	8.2	7.3	6.9	7.9
2021	6.7	6.0	6.0	5.8	5.6	5.8	5.9	6.1	7.2	7.4	6.3	6.1	6.2
Year	Milk <sup>4</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2017	2.71	2.61	2.40	2.22	2.20	2.31	2.27	2.50	2.46	2.48	2.54	2.38	2.42
2018	2.20	2.03	1.98	1.90	1.90	1.97	1.93	2.06	2.13	2.22	2.21	2.07	2.05
2019	2.06	2.07	2.14	2.11	2.12	2.09	2.16	2.26	2.34	2.44	2.66	2.57	2.25
2020	2.41	2.35	2.24	1.85	1.78	2.38	2.72	2.48	2.27	2.49	2.58	2.17	2.31
2021	2.00	1.80	1.77	1.76	1.69	1.60	1.55	1.50	1.69	1.87	1.94	1.98	1.74
Year	Hog-Corn <sup>5</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2017	14.1	15.8	15.2	14.1	15.5	18.1	19.3	18.8	15.0	14.5	15.9	15.0	15.9
2018	16.0	16.2	14.2	12.7	14.0	16.5	16.9	13.2	12.7	14.7	13.5	12.3	14.4
2019	12.5	12.1	12.9	16.8	17.2	14.9	13.6	14.9	12.6	12.8	13.0	12.7	13.8
2020	12.6	12.0	13.0	12.9	15.9	13.1	12.4	13.8	14.6	15.6	13.7	12.4	13.5
2021	11.8	11.9	13.7	14.2	13.4	13.8	13.1	12.5	12.9	13.0	11.1	10.3	12.9
Year	Steer & Heifer-Corn <sup>6</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2017	35.0	35.2	36.4	37.9	40.0	38.8	34.7	35.2	32.7	34.0	38.4	37.2	36.3
2018	37.4	37.6	36.2	34.1	33.2	31.6	32.3	33.3	32.4	32.7	33.7	33.6	34.0
2019	34.8	35.0	35.7	36.3	33.6	28.9	27.2	28.5	27.4	28.3	31.3	32.3	31.6
2020	33.0	32.3	31.0	33.7	34.7	34.8	30.5	33.3	30.8	29.9	28.8	28.0	31.7
2021	26.4	24.2	23.7	22.8	20.5	20.5	20.4	19.8	23.2	25.1	25.0	25.8	22.9

<sup>1</sup> The price of commercial prepared broiler feed is based on current United States prices received for corn and soybeans. The modeled feed ration uses 58 percent corn and 42 percent soybeans.

<sup>2</sup> The price of commercial prepared layer feed is based on current United States prices received for corn and soybeans. The modeled feed ration uses 75 percent corn and 25 percent soybeans.

<sup>3</sup> The price of commercial prepared turkey feed is based on current United States prices received for corn, soybeans, and wheat. The modeled feed ration uses 51 percent corn, 28 percent soybeans, and 21 percent wheat.

<sup>4</sup> The price of commercial prepared dairy feed is based on current United States prices received for corn, soybeans, and alfalfa. The modeled feed ration uses 51 percent corn, 8 percent soybeans, and 41 percent alfalfa.

<sup>5</sup> Number of bushels of corn equal in value to 100 pounds of all hogs, live weight.

<sup>6</sup> Number of bushels of corn equal in value to 100 pounds of steers & heifers, live weight.

## Reliability of Prices Paid Estimates

**Definition:** Prices paid by farmers represent the average costs of inputs purchased by farmers and ranchers to produce agricultural commodities. Conceptually, the average price when multiplied by quantity purchased should equal total producer expenditures for the item.

**Survey procedures:** The prices paid data are obtained from establishments that sell goods and services to farmers and ranchers. Annually, about 8,500 firms are randomly selected from lists by type of item sold with an average response rate in the range of 75-80 percent. Firms are asked to report the price for the specified item "most commonly bought by farmers" or that was the "volume seller". Approximately 135 items are surveyed each March to represent all production input items purchased. The survey reference period for most items is the five business days centered at the 15th of the month. Separate prices paid surveys are conducted for agricultural chemicals, fuels, feed, fertilizer, machinery, and seed.

**Summary and estimation procedures:** The annual March Prices Paid Survey is summarized as a non-probability survey. Average prices reported are aggregated to the region and United States level using weights available from expenditure data and other administrative sources. Price recommendations are prepared by the Regional Field Offices and Headquarters for review by the Agricultural Statistics Board in Washington, D.C. Also, the change in price level for individual items surveyed are combined to the regional and United States levels, and are published as prices paid indexes referenced to a specific base period. Prices paid indexes for new autos and trucks, building materials, farm supplies, motor supplies, and marketing containers are updated based on price changes measured in selected Bureau of Labor Statistics (BLS) indexes.

**Revisions:** Any revisions are published in the monthly and in annual issues of Agricultural Prices. The basis for revision must be supported by additional data that directly affect the level of the estimate. More revisions are likely for March when separate prices paid surveys are conducted, in lieu of BLS indexes, by the USDA to measure price change.

**Reliability:** Current methods of summarization for the March data are not designed directly to calculate sampling errors. However, analytical measures approximate the United States relative sampling errors for major items around 10 percent. Any non-sampling errors are attributed to such things as the inability to obtain correct information, differences in interpreting questions or definitions, mistakes in coding or processing the data, etc. Efforts are made at each step in the survey process to minimize these non-sampling errors.

**Program change:** Effective January 2014, the National Agricultural Statistics Service modified the five-year moving weights and updated the base reference period. In January 2015, publication of preliminary prices was suspended, and the annual average index was replaced by an annual index.

As of January 2014, the 1990-1992 base reference period was updated to 2011. Five-year moving average weights are adjusted (normalized) to minimize the effects of price changes. The 1910-1914=100 price indexes, required by statute for computing parity prices, were linked forward based on the changes in the new 2011=100 indexes. The new indexes were constructed by multiplying the ratios of the current prices to the base period prices by the moving average weights.

Modifications implemented January 2015 discontinued preliminary prices and replaced the annual average index with an annual index.

The April 2015 program update discontinued publication of the annual March survey prices paid data.

The February 2016 program update changed the rounding of the 2011 base period indexes to nearest tenth of a percent. The 1910-1914 base period indexes remain rounded to the nearest whole number.

See Price Program Links at end of this report for program change details.



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- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist [notifications@usda-esmis.library.cornell.edu](mailto:notifications@usda-esmis.library.cornell.edu) in your email client to avoid the emails going into spam/junk folders.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@usda.gov](mailto:nass@usda.gov).

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## Price Program Links

Economics and Prices

[http://www.nass.usda.gov/Statistics\\_by\\_Subject/Economics\\_and\\_Prices/index.php](http://www.nass.usda.gov/Statistics_by_Subject/Economics_and_Prices/index.php)

January 2014 Price Program Update

[http://www.nass.usda.gov/Surveys/Guide\\_to\\_NASS\\_Surveys/Prices/updates.pdf](http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Prices/updates.pdf)

January 2015 Price Program Update

[http://www.nass.usda.gov/Surveys/Guide\\_to\\_NASS\\_Surveys/Prices/update2015.pdf](http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Prices/update2015.pdf)

April 2015 Price Program Update

[http://www.nass.usda.gov/Surveys/Guide\\_to\\_NASS\\_Surveys/Prices/updateApr2015.pdf](http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Prices/updateApr2015.pdf)

February 2016 Price Program Update

[http://www.nass.usda.gov/Surveys/Guide\\_to\\_NASS\\_Surveys/Prices/updateFeb2016.pdf](http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Prices/updateFeb2016.pdf)



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